

True / False

1. A typical fertilized egg contains a total of 22 pairs of chromosomes.

- a. True
- b. False

ANSWER: False

POINTS: 1

REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes

QUESTION TYPE: True / False

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.1 - What are chromosomes and genes? How do they carry hereditary information from one generation to the next?

KEYWORDS: Bloom's: Remember

DATE CREATED: 11/6/2014 3:46 AM

DATE MODIFIED: 11/6/2014 3:46 AM

QUESTION ID: JFND-GO4F-E3BD-EQJI

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJ1-CWHG-EQJA-GO4G-RPMR-8RSU-OA3Z-8RSU-CATU-GOSU-OC3U-CRSU-EP5R-GHAU-NATT-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

2. Your phenotype includes physical, psychological, and behavioral features.

- a. True
- b. False

ANSWER: True

POINTS: 1

REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes

QUESTION TYPE: True / False

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.1 - What are chromosomes and genes? How do they carry hereditary information from one generation to the next?

KEYWORDS: Bloom's: Remember

DATE CREATED: 11/6/2014 3:47 AM

DATE MODIFIED: 11/6/2014 3:48 AM

QUESTION ID: JFND-GO4F-E3BD-EQJW

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJW-GJ1G-N3TZ-GBTG-GP5R-GHSS-NC5G-CESS-RCMB-GOSU-GPUB-GOSU-Y3TS-GW3U-GPJT-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

3. When the chromosomes in a pair are the same, they are said to be heterozygous.

- a. True
- b. False

ANSWER: False

POINTS: 1

REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes

QUESTION TYPE: True / False

HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.1 - What are chromosomes and genes? How do they carry hereditary information from one generation to the next?
KEYWORDS: Bloom's: Remember
DATE CREATED: 11/6/2014 3:48 AM
DATE MODIFIED: 11/6/2014 3:48 AM
QUESTION ID: JFND-GO4F-E3BD-ETKN
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJI-CF1U-RA3I-CC3G-KCBU-CASU-NC3A-CRSU-CP5R-GOSU-OPJA-8YSU-EA5D-GR5S-NPBU-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

4. Individuals with sickle-cell trait must carry both recessive alleles in order to display symptoms.

- a. True
- b. False

ANSWER: False
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: True / False
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.1 - What are chromosomes and genes? How do they carry hereditary information from one generation to the next?
KEYWORDS: Bloom's: Remember
DATE CREATED: 11/6/2014 3:49 AM
DATE MODIFIED: 11/6/2014 3:49 AM
QUESTION ID: JFND-GO4F-E3BD-ETKB
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJ3-GFOS-RAUG-CE5D-NPJZ-COSU-GP3W-8YSU-KATT-GOSU-KCBZ-CCSS-RCUF-CEHD-GCMB-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

5. While characterized as a progressive and fatal disorder, symptoms of Huntington's disease can be eliminated through a special diet.

- a. True
- b. False

ANSWER: False
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: True / False
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.2 - What are common problems involving chromosomes, and what are their consequences?
KEYWORDS: Bloom's: Remember
DATE CREATED: 11/6/2014 3:50 AM
DATE MODIFIED: 11/6/2014 3:50 AM
QUESTION ID: JFND-GO4F-E3BD-ETJA
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJT-COAD-KC3Z-8R4G-

6. Monozygotic twins come from a single egg.

- a. True
- b. False

ANSWER: True
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: True / False
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.3 - How is children's heredity influenced by the environment in which they grow up?
KEYWORDS: Bloom's: Remember
DATE CREATED: 11/6/2014 3:51 AM
DATE MODIFIED: 11/6/2014 3:51 AM
QUESTION ID: JFND-GO4F-E3BD-ETKG
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJT-GR5U-KPJ1-GPUD-GPJA-GESU-KPUB-8YSU-CPJ3-GOSS-RQBU-GYSU-QPTT-GWAD-EQDF-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

7. A heritability coefficient is used to calculate the extent to which a characteristic is the result of genetics.

- a. True
- b. False

ANSWER: True
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: True / False
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.3 - How is children's heredity influenced by the environment in which they grow up?
KEYWORDS: Bloom's: Remember
DATE CREATED: 11/6/2014 3:53 AM
DATE MODIFIED: 11/6/2014 3:53 AM
QUESTION ID: JFND-GO4F-E3BD-ETKR
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMF-GFTS-RAJA-GYAU-OAMB-8YSS-NAJI-8RSU-G3TA-GOSU-RQBS-GASS-RQBO-8B1D-NCTZ-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

8. Nonshared environmental influences tend to make siblings in a family more similar to each other.

- a. True
- b. False

ANSWER: False
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes

QUESTION TYPE: True / False
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.3 - How is children's heredity influenced by the environment in which they grow up?
KEYWORDS: Bloom's: Remember
DATE CREATED: 11/6/2014 3:54 AM
DATE MODIFIED: 11/6/2014 3:55 AM
QUESTION ID: JFND-GO4F-E3BD-ETJU
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJO-CJTD-QCUR-CR3U-GQJO-CRSU-OAMG-CESU-EAMR-GOSU-QC5F-GCSU-KCBU-GE4U-RPDN-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

9. The correct order of prenatal development is zygote to embryo to fetus.

- a. True
- b. False

ANSWER: True
POINTS: 1
REFERENCES: 2.2 From Conception to Birth
QUESTION TYPE: True / False
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.1 - What happens to a fertilized egg in the first two weeks after conception?
KEYWORDS: Bloom's: Remember
DATE CREATED: 11/6/2014 3:55 AM
DATE MODIFIED: 11/6/2014 3:56 AM
QUESTION ID: JFND-GO4F-E3BD-ETJT
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMG-GTOS-CPT1-C31U-QPJW-CCSS-GPUF-8YSU-OAJI-GOSU-1PJZ-CWSS-CP5N-G7UD-YA3W-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

10. In vitro fertilization takes place in a test tube.

- a. True
- b. False

ANSWER: False
POINTS: 1
REFERENCES: 2.2 From Conception to Birth
QUESTION TYPE: True / False
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.1 - What happens to a fertilized egg in the first two weeks after conception?
KEYWORDS: Bloom's: Remember
DATE CREATED: 11/6/2014 3:56 AM
DATE MODIFIED: 11/6/2014 3:57 AM
QUESTION ID: JFND-GO4F-E3BD-ETJS
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-

4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJ3-GFTS-RQMD-GY3G-KQMG-GHSS-EA3T-CESU-YAUB-GOSU-1C3I-GHSS-NQBU-GW4D-CA3W-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

11. Implantation occurs when the zygote burrows into the placenta.

- a. True
- b. False

ANSWER: False

POINTS: 1

REFERENCES: 2.2 From Conception to Birth

QUESTION TYPE: True / False

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.1 - What happens to a fertilized egg in the first two weeks after conception?

KEYWORDS: Bloom's: Remember

DATE CREATED: 11/6/2014 3:57 AM

DATE MODIFIED: 11/6/2014 3:58 AM

QUESTION ID: JFND-GO4F-E3BD-ETJW

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJS-8YHS-NCUN-8R5S-E3JZ-GASS-NA3O-CRSU-YAJU-GOSS-CQBW-GOSU-GPBI-CJ1S-NPBU-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

12. Hair and skin originally develops in the ectoderm layer of a zygote.

- a. True
- b. False

ANSWER: True

POINTS: 1

REFERENCES: 2.2 From Conception to Birth

QUESTION TYPE: True / False

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.1 - What happens to a fertilized egg in the first two weeks after conception?

KEYWORDS: Bloom's: Remember

DATE CREATED: 11/6/2014 3:58 AM

DATE MODIFIED: 11/6/2014 3:59 AM

QUESTION ID: JFND-GO4F-E3BD-ET1B

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJU-CPUG-RC33-GH3D-CPMF-GWSU-RA31-CESS-R3BW-GOSS-CCUD-CCSS-GC33-GT1S-CQB3-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

13. The embryo is connected to the uterus via the fallopian tube.

- a. True
- b. False

ANSWER: False

POINTS: 1

REFERENCES: 2.2 From Conception to Birth
QUESTION TYPE: True / False
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.2 - When do body structures and internal organs emerge in prenatal development?
KEYWORDS: Bloom's: Remember
DATE CREATED: 11/6/2014 4:00 AM
DATE MODIFIED: 11/6/2014 4:01 AM
QUESTION ID: JFND-GO4F-E3BD-ETTA
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMD-GW4U-R3JZ-GWHD-GCDB-GOSS-RQJI-8YSU-E3DG-GOSU-KC5G-GCSU-EP3Z-GHAS-RA5N-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

14. The period of the fetus is the longest period of prenatal development.

- a. True
- b. False

ANSWER: True
POINTS: 1
REFERENCES: 2.2 From Conception to Birth
QUESTION TYPE: True / False
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.3 - When do body systems begin to function well enough to support life?
KEYWORDS: Bloom's: Remember
DATE CREATED: 11/6/2014 4:02 AM
DATE MODIFIED: 11/6/2014 4:04 AM
QUESTION ID: JFND-GO4F-E3BD-ET1R
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJI-GC4D-OPTZ-CE5S-KQJA-CASU-GPTW-8YSU-13TS-GOSU-O3J3-GESS-R3DD-GY5U-GPB1-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

15. The modern age of viability begins at 16 weeks.

- a. True
- b. False

ANSWER: False
POINTS: 1
REFERENCES: 2.2 From Conception to Birth
QUESTION TYPE: True / False
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.3 - When do body systems begin to function well enough to support life?
KEYWORDS: Bloom's: Remember
DATE CREATED: 11/6/2014 4:05 AM
DATE MODIFIED: 11/6/2014 4:05 AM
QUESTION ID: JFND-GO4F-E3BD-ETT1

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJT-GY4S-NCMN-8R4U-1AUN-CCSS-CQBS-8RSU-EC5G-GOSS-EQDN-CESS-KCTW-8YAG-NQMD-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

16. Pregnant women who fail to consume enough vitamin A are at risk for giving birth to a baby with spina bifida.

- a. True
- b. False

ANSWER: False

POINTS: 1

REFERENCES: 2.3 Influences on Prenatal Development

QUESTION TYPE: True / False

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.3.1 - How is prenatal development influenced by a pregnant woman's age, her nutrition, and the stress she experiences while pregnant?

KEYWORDS: Bloom's: Remember

DATE CREATED: 11/6/2014 4:05 AM

DATE MODIFIED: 11/6/2014 4:06 AM

QUESTION ID: JFND-GO4F-E3BD-ETTO

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJO-GB1U-QC3T-CI1G-NPBT-GHSS-RQDD-8RSU-KCBT-GOSU-1PTU-GYSU-1PTT-8R5G-NC3W-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

17. The younger the mother, the greater the risk that she will give birth to an infant with Down syndrome.

- a. True
- b. False

ANSWER: False

POINTS: 1

REFERENCES: 2.3 Influences on Prenatal Development

QUESTION TYPE: True / False

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.3.1 - How is prenatal development influenced by a pregnant woman's age, her nutrition, and the stress she experiences while pregnant?

KEYWORDS: Bloom's: Remember

DATE CREATED: 11/6/2014 4:07 AM

DATE MODIFIED: 11/6/2014 4:07 AM

QUESTION ID: JFND-GO4F-E3BD-ETTZ

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJA-CJTD-ECMN-GPTU-YCDN-GESU-1ATU-8YSU-RCMR-GOSU-NCUR-CESU-RPTI-GHHU-RCT1-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

18. Common symptoms of fetal alcohol syndrome include facial deformities, deafness, and intellectual disability (formally known as mental retardation).

- a. True
- b. False

ANSWER: False
POINTS: 1
REFERENCES: 2.3 Influences on Prenatal Development
QUESTION TYPE: True / False
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.3.2 - How do diseases, drugs, and environmental hazards sometimes affect prenatal development?
KEYWORDS: Bloom's: Remember
DATE CREATED: 11/6/2014 4:08 AM
DATE MODIFIED: 11/6/2014 4:08 AM
QUESTION ID: JFND-GO4F-E3BD-ETTS
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJW-GE4D-GPJW-CPTU-NQDN-CASS-KCJO-CESU-KPDF-GOSU-YPDR-CWSS-CAMR-G7TS-CCB3-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

19. Damage from teratogens are sometimes not evident until later in life.

- a. True
- b. False

ANSWER: True
POINTS: 1
REFERENCES: 2.3 Influences on Prenatal Development
QUESTION TYPE: True / False
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.3.3 - What general principles affect the ways that prenatal development can be harmed?
KEYWORDS: Bloom's: Remember
DATE CREATED: 11/6/2014 4:09 AM
DATE MODIFIED: 11/6/2014 4:09 AM
QUESTION ID: JFND-GO4F-E3BD-EO4N
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMN-GWAU-C3TT-8R4D-N3DR-GASU-OA33-8YSU-N3DF-GOSU-KAJW-GYSU-NAJA-GYAG-EQMD-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

20. An ultrasound uses sound waves to create an image of a fetus.

- a. True
- b. False

ANSWER: True
POINTS: 1
REFERENCES: 2.3 Influences on Prenatal Development
QUESTION TYPE: True / False
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.3.4 - How can prenatal development be monitored? Can abnormal prenatal development be corrected?
KEYWORDS: Bloom's: Remember
DATE CREATED: 11/6/2014 4:10 AM

DATE MODIFIED: 11/6/2014 4:10 AM
QUESTION ID: JFND-GO4F-E3BD-EO4B
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJO-GOAD-C3UF-GY4D-CA3O-GRSS-R3BS-8RSU-OAJU-GOSU-OAJO-CRSU-OAJS-CIUD-GPB1-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

21. Research has demonstrated that childbirth techniques designed to reduce pain during labor do not work.

- a. True
- b. False

ANSWER: False
POINTS: 1
REFERENCES: 2.4 Labor and Delivery
QUESTION TYPE: True / False
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.4.2 - What are "natural" ways of coping with the pain of childbirth? Is childbirth at home safe?

KEYWORDS: Bloom's: Remember

DATE CREATED: 11/6/2014 4:11 AM

DATE MODIFIED: 11/6/2014 4:12 AM

QUESTION ID: JFND-GO4F-E3BD-EO4G

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJW-CAAD-1PBS-GOHD-GC3W-CESS-NATT-8YSS-GCB1-GOSU-OCUD-GRSU-NA5F-CR4S-RP3U-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

22. The condition of hypoxia involves a reduction in the flow of oxygen to the brain.

- a. True
- b. False

ANSWER: True
POINTS: 1
REFERENCES: 2.4 Labor and Delivery
QUESTION TYPE: True / False
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.4.4 - What are some complications that can occur during birth?

KEYWORDS: Bloom's: Remember

DATE CREATED: 11/6/2014 4:12 AM

DATE MODIFIED: 11/6/2014 4:13 AM

QUESTION ID: JFND-GO4F-E3BD-EO4R

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMD-G3TG-E3B3-CCAD-1PTW-CASU-K3MB-8RSU-OP5D-GOSS-GCT1-GWSU-1A3W-8Y5U-QC3Z-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

23. Cephalocaudal development proceeds from your extremities toward your body.

- a. True
- b. False

ANSWER: False
POINTS: 1
REFERENCES: 2.2 From Conception to Birth
QUESTION TYPE: True / False
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.2 - When do body structures and internal organs emerge in prenatal development?
KEYWORDS: Bloom's: Remember
DATE CREATED: 11/6/2014 4:20 AM
DATE MODIFIED: 11/6/2014 4:21 AM
QUESTION ID: JFND-GO4F-E3BD-ETBU
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJT-CC4D-QCBI-GP1U-YA5D-GCSU-KPJO-8RSU-GAMB-GOSS-CCMD-GRSU-RCJO-CIOS-G3TZ-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

24. By definition, any infant born weighing less than 4 pounds is considered extremely low birth weight.

- a. True
- b. False

ANSWER: False
POINTS: 1
REFERENCES: 2.4 Labor and Delivery
QUESTION TYPE: True / False
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.4.4 - What are some complications that can occur during birth?
KEYWORDS: Bloom's: Remember
DATE CREATED: 11/6/2014 4:13 AM
DATE MODIFIED: 11/6/2014 4:14 AM
QUESTION ID: JFND-GO4F-E3BD-EO3O
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJT-CW3D-CAUN-GBTS-NPMR-8RSU-YPBW-8YSU-OQMD-GOSU-NPUR-GASU-O3J1-GI1U-KPBA-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

Multiple Choice

25. You are currently experiencing severe pain in your leg and go to your physician for a checkup. During the examination, your physician says, "The pain you are experiencing appears to be due to misshapen blood cells that are blocking the flow of oxygen to your leg." This would indicate that the most accurate diagnosis of your condition would be

- a. cerebral palsy.
- b. Huntington's disease.
- c. sickle-cell disease.
- d. hemophilia.

ANSWER: c
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes

QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.1 - What are chromosomes and genes? How do they carry hereditary information from one generation to the next?
KEYWORDS: Bloom's: Apply
DATE CREATED: 11/5/2014 2:16 AM
DATE MODIFIED: 11/5/2014 2:17 AM
QUESTION ID: JFND-GO4F-E3YU-GO1F
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJT-CO3S-NP3O-GEHD-KQMB-COSU-N3JZ-8YSU-1C5D-GOSS-C3BZ-GASU-YCJ3-GA4D-YQDF-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

26. The threadlike structures in the nucleus of a cell that contain genetic material are called

- a. chromosomes.
- b. germ discs.
- c. ectoderms.
- d. phenotypes.

ANSWER: a
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.1 - What are chromosomes and genes? How do they carry hereditary information from one generation to the next?
KEYWORDS: Bloom's: Understand
DATE CREATED: 11/5/2014 2:17 AM
DATE MODIFIED: 11/5/2014 2:18 AM
QUESTION ID: JFND-GO4F-E3YU-GOT1
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJU-CEHD-ECBI-CIOU-OC3I-8YSS-R3DF-CESS-GPBI-GOSU-EATO-GWSU-KATO-CR4U-QPTT-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

27. If you were looking through a microscope at a normal sperm cell, you should see ____ chromosomes.

- a. 2
- b. 22
- c. 23
- d. 46

ANSWER: c
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.1 - What are chromosomes and genes? How do they carry hereditary information from one generation to the next?
KEYWORDS: Bloom's: Thinking Critically

DATE CREATED: 11/5/2014 2:18 AM
DATE MODIFIED: 11/5/2014 2:19 AM
QUESTION ID: JFND-GO4F-E3YU-GOTT
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMB-GC5D-CCUN-GJOU-K3JI-COSU-OQBI-CRSU-RCJT-GOSU-EPJ3-CESU-QPTW-CT1G-GCJ1-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

28. The first ____ pairs of chromosomes are called autosomes.

- a. 2
- b. 10
- c. 22
- d. 46

ANSWER: c
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.1 - What are chromosomes and genes? How do they carry hereditary information from one generation to the next?
KEYWORDS: Bloom's: Understand
DATE CREATED: 11/5/2014 2:19 AM
DATE MODIFIED: 11/5/2014 2:20 AM
QUESTION ID: JFND-GO4F-E3YU-GOTO
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJ1-GHHS-KPMN-CW4D-KAJW-CESU-N3JA-CESS-RCDG-GOSU-NQDF-8RSU-GP5G-CE5U-GCDR-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

29. Igor is approached by a mad scientist who says he will pay Igor either \$100 for each pair of his autosomes or \$500 for each pair of his sex chromosomes. Assuming Igor wants to make as much money as possible, which offer should he take?

- a. \$100 for each pair of autosomes
- b. \$500 for each pair of sex chromosomes
- c. Either one, because Igor will make the same amount with both offers
- d. Neither one, because humans have neither autosomes nor sex chromosomes

ANSWER: a
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.1 - What are chromosomes and genes? How do they carry hereditary information from one generation to the next?
KEYWORDS: Bloom's: Apply
DATE CREATED: 11/5/2014 2:20 AM
DATE MODIFIED: 11/5/2014 2:21 AM
QUESTION ID: JFND-GO4F-E3YU-GOTS

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJO-CJUG-NP5D-GCHU-Q3T1-CRSU-GP5N-8YSS-E3DF-GOSU-CCMR-CCSU-K3TU-CE4U-YCJ3-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

30. When looking through a microscope at an entire set of human male chromosomes, how would you be able to differentiate an autosome pair from a sex chromosome pair?

- a. The sex chromosome pair would be about 10 times larger than the autosome pair.
- b. The circular-shaped cells would be the autosomes and the square shapes would be the sex chromosomes.
- c. There would be three cells in the autosome “pair” and two cells in the sex chromosome “pair.”
- d. The shape of the sex chromosomes would differ, whereas each autosome pair would look identical.

ANSWER: d

POINTS: 1

REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.1 - What are chromosomes and genes? How do they carry hereditary information from one generation to the next?

KEYWORDS: Bloom's: Thinking Critically

DATE CREATED: 11/5/2014 2:21 AM

DATE MODIFIED: 11/5/2014 2:22 AM

QUESTION ID: JFND-GO4F-E3YU-GOTW

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJ1-GRAS-RA3S-GA5S-KPBW-8RSS-KQJO-CESU-RPMN-GOSU-RC3O-GOSU-OCTW-8RAD-KPUG-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

31. A sperm cell contains a total of 22

- a. genes.
- b. chromosomes.
- c. autosomes.
- d. sex cells.

ANSWER: c

POINTS: 1

REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.1 - What are chromosomes and genes? How do they carry hereditary information from one generation to the next?

KEYWORDS: Bloom's: Understand

DATE CREATED: 11/5/2014 2:22 AM

DATE MODIFIED: 11/5/2014 2:23 AM

QUESTION ID: JFND-GO4F-E3YU-GQB3

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJZ-8Y5U-KCJI-GC5U-RQJZ-GASU-OCDR-8RSU-NCUF-GOSU-GCT3-8RSU-KC3U-G7OS-KC5G-E7JI-

32. What combination would result in a boy?
- a. A 17th pair of chromosomes with one X and one Y
 - b. A 23rd pair of chromosomes with one X and one Y
 - c. A 17th pair of chromosomes with two Xs
 - d. A 23rd pair of chromosomes with two Xs

ANSWER: b

POINTS: 1

REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.1 - What are chromosomes and genes? How do they carry hereditary information from one generation to the next?

KEYWORDS: Bloom's: Understand

DATE CREATED: 11/5/2014 2:24 AM

DATE MODIFIED: 11/5/2014 2:24 AM

QUESTION ID: JFND-GO4F-E3YU-GQBA

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMG-GJOS-ECUB-C3OS-RQJS-GCSS-KCB1-8YSS-RPMN-GOSS-RPMR-CASS-ECBA-GBOU-C3DD-E7JI-YT4D-JFNN-40TI-GO4W-NQNBEE

33. How many DNA molecules are typically contained in each human chromosome?
- a. 1
 - b. 46
 - c. 468
 - d. 100,000

ANSWER: a

POINTS: 1

REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.1 - What are chromosomes and genes? How do they carry hereditary information from one generation to the next?

KEYWORDS: Bloom's: Understand

DATE CREATED: 11/5/2014 2:25 AM

DATE MODIFIED: 11/5/2014 2:25 AM

QUESTION ID: JFND-GO4F-E3YU-GQNF

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJZ-8R4G-CAMD-GFTU-QCT3-GASU-G3TI-8YSS-GPDD-GOSU-1CUR-GYSU-RQDD-GA4U-G3T1-E7JI-YT4D-JFNN-40TI-GO4W-NQNBEE

34. Thymine and cytosine are types of
- a. genes.
 - b. neurotransmitters produced in the brain.

c. autosomes.

d. basic chemical compounds that form the double helix of a DNA molecule.

ANSWER: d
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.1 - What are chromosomes and genes? How do they carry hereditary information from one generation to the next?
KEYWORDS: Bloom's: Understand
DATE CREATED: 11/5/2014 2:25 AM
DATE MODIFIED: 11/5/2014 2:26 AM
QUESTION ID: JFND-GO4F-E3YU-GQND
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJZ-C3OU-RCDN-GA5D-Y3J3-CASU-13UR-8YSU-KQJT-GOSU-YCJW-GCSS-KCTW-CTOU-GATZ-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

35. Human DNA is composed of a total of ____ different nucleotide bases.

- a. 4
- b. 23
- c. 444
- d. 30,000

ANSWER: a
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.1 - What are chromosomes and genes? How do they carry hereditary information from one generation to the next?
KEYWORDS: Bloom's: Understand
DATE CREATED: 11/5/2014 2:26 AM
DATE MODIFIED: 11/5/2014 2:27 AM
QUESTION ID: JFND-GO4F-E3YU-GQBT
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMG-CC5U-QCBU-CJOS-KQJ3-GESU-QQDF-8RSS-GPTZ-GOSS-KCB1-GHSU-CCJZ-GO3D-G3DF-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

36. Genes provide the cell with a specific set of ____ instructions.

- a. hormonal
- b. biochemical
- c. in vitro
- d. bioelectric

ANSWER: b
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes

QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.1 - What are chromosomes and genes? How do they carry hereditary information from one generation to the next?
KEYWORDS: Bloom's: Understand
DATE CREATED: 11/5/2014 2:27 AM
DATE MODIFIED: 11/5/2014 2:28 AM
QUESTION ID: JFND-GO4F-E3YU-GQBZ
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJU-G71D-OQB3-G3TS-KA3O-CESU-EP31-8RSU-NAUR-GOSS-CQDF-CCSU-YA3O-GW5D-R3JO-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

37. Within a typical human cell, which number is the greatest?

- a. The number of chromosomes
- b. The number of autosomes
- c. The number of genes
- d. The number of different types of nucleotide bases

ANSWER: c
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.1 - What are chromosomes and genes? How do they carry hereditary information from one generation to the next?
KEYWORDS: Bloom's: Understand
DATE CREATED: 11/5/2014 2:28 AM
DATE MODIFIED: 11/5/2014 2:29 AM
QUESTION ID: JFND-GO4F-E3YU-GQBS
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJO-8F1U-O3DG-GF1S-GCT3-CASU-CAJW-CRSU-OAUD-GOSS-GP3U-CWSU-1PTT-8FTG-KP3T-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

38. Who has created a gene?

- a. Tom, who has strung together four adenine "beads"
- b. Dick, who has just removed the sex chromosome from a cell
- c. Harry, who has just generated a single bead of guanine
- d. Sally, who has added an extra chromosome to a fertilized egg

ANSWER: a
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.1 - What are chromosomes and genes? How do they carry hereditary information from one generation to the next?
KEYWORDS: Bloom's: Apply

DATE CREATED: 11/5/2014 2:29 AM
DATE MODIFIED: 11/5/2014 2:31 AM
QUESTION ID: JFND-GO4F-E3YU-GQKB
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJO-GY5S-NQJI-8R4U-OCTA-CWSS-KCMR-CESU-CQDG-GOSU-1PBW-GESU-EQJ1-CTTU-QATT-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

39. The average child has approximately ____ genes.

- a. 25
- b. 25,000
- c. 25,000,000
- d. 25,000,000,000

ANSWER: b
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.1 - What are chromosomes and genes? How do they carry hereditary information from one generation to the next?

KEYWORDS: Bloom's: Understand

DATE CREATED: 11/5/2014 2:31 AM

DATE MODIFIED: 11/5/2014 2:32 AM

QUESTION ID: JFND-GO4F-E3YU-GQJA

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJO-GA5G-RPB1-CE3G-E3MR-GWSU-QCJI-8RSU-KCTA-GOSS-GA33-GASS-EAMD-CTTU-E3JT-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

40. Kyoko is 5 feet, 11 inches tall, plays tennis, and is an all-around nice person. This is a description of Kyoko's

- a. allele.
- b. genotype.
- c. homozygosity.
- d. phenotype.

ANSWER: d
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.1 - What are chromosomes and genes? How do they carry hereditary information from one generation to the next?

KEYWORDS: Bloom's: Apply

DATE CREATED: 11/5/2014 2:32 AM

DATE MODIFIED: 11/5/2014 2:33 AM

QUESTION ID: JFND-GO4F-E3YU-GQKG

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-

4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJO-GP1U-EQMG-GA5U-1PBA-GRSU-CC3Z-CESU-RCT3-GOSU-NP5G-CASU-GPMG-GJ1U-QCBT-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

41. Genotype is to phenotype as
- homozygous is to heterozygous.
 - nurture is to nature.
 - DNA is to RNA.
 - chromosome pattern is to physical features.

ANSWER: d

POINTS: 1

REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.1 - What are chromosomes and genes? How do they carry hereditary information from one generation to the next?

KEYWORDS: Bloom's: Thinking Critically

DATE CREATED: 11/5/2014 2:33 AM

DATE MODIFIED: 11/5/2014 2:34 AM

QUESTION ID: JFND-GO4F-E3YU-GQKR

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJ3-CAAU-QAJO-CRHS-C3BI-GCSS-CQJW-CRSS-E3J1-GOSU-E3UD-GYSU-Y3T1-CA4U-1A3U-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

42. What is an example of *only* your genotype?
- Your complete set of genes
 - Your physical appearance
 - Your behaviors
 - Your personality

ANSWER: a

POINTS: 1

REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.1 - What are chromosomes and genes? How do they carry hereditary information from one generation to the next?

KEYWORDS: Bloom's: Thinking Critically

DATE CREATED: 11/5/2014 2:34 AM

DATE MODIFIED: 11/5/2014 2:35 AM

QUESTION ID: JFND-GO4F-E3YU-GQJU

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMB-GOAU-GPBZ-CAAG-R3JU-8YSS-CPUB-CESS-NPMD-GOSU-OPTZ-8YSU-QQJW-CAHS-GA5B-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

43. Which process can best be explained by alleles?

- a. The fact that phenotypes produce genotypes
- b. The formation of identical twins through the splitting of a fertilized egg
- c. The instructions for hair color come from two sources on the chromosome
- d. The teratogenic effects associated with fetal alcohol syndrome

ANSWER: c

POINTS: 1

REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.1 - What are chromosomes and genes? How do they carry hereditary information from one generation to the next?

KEYWORDS: Bloom's: Thinking Critically

DATE CREATED: 11/5/2014 2:35 AM

DATE MODIFIED: 11/5/2014 2:36 AM

QUESTION ID: JFND-GO4F-E3YU-GQJO

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJ1-GRAG-EPJO-GJUG-C3MF-8YSU-NCTI-8YSU-CPB1-GOSU-RC3A-GASU-RQMB-CR5G-CCBT-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

44. Homozygous is to heterozygous as
- a. same is to different.
 - b. recessive is to dominant.
 - c. genotype is to phenotype.
 - d. many is to few.

ANSWER: a

POINTS: 1

REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.1 - What are chromosomes and genes? How do they carry hereditary information from one generation to the next?

KEYWORDS: Bloom's: Thinking Critically

DATE CREATED: 11/5/2014 2:36 AM

DATE MODIFIED: 11/5/2014 2:37 AM

QUESTION ID: JFND-GO4F-E3YU-GQJS

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJT-GW5G-CQDG-CFTG-CA3W-GHSU-NCTO-8YSU-ECDG-GOSS-NCJZ-GOSU-OQMB-GAHD-NCTZ-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

45. Linda has one allele for curly hair and another for straight hair. Linda's alleles are
- a. polyzygotic.
 - b. dizygotic.
 - c. homozygous.
 - d. heterozygous.

ANSWER: d
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.1 - What are chromosomes and genes? How do they carry hereditary information from one generation to the next?
KEYWORDS: Bloom's: Apply
DATE CREATED: 11/5/2014 2:38 AM
DATE MODIFIED: 11/5/2014 2:39 AM
QUESTION ID: JFND-GO4F-E3YU-GTKN
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJ3-CO4G-E3DG-CJ1D-YP5F-GASU-1CTU-8YSU-YP33-GOSU-QCB1-GCSU-RAMG-C3UD-KAJ3-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

46. Joseph is homozygous for normal blood cells. This means that he
- is an identical twin.
 - has matching alleles.
 - has recessive alleles.
 - is likely to develop sickle-cell anemia.

ANSWER: b
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.1 - What are chromosomes and genes? How do they carry hereditary information from one generation to the next?
KEYWORDS: Bloom's: Apply
DATE CREATED: 11/5/2014 2:39 AM
DATE MODIFIED: 11/5/2014 2:40 AM
QUESTION ID: JFND-GO4F-E3YU-GTJ3
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMD-CITU-KPMN-8Y4D-KAJS-8RSU-NPTW-CESU-QQJO-GOSU-1A3S-GHSS-G3TS-COAD-C3MR-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

47. How would you create an individual who will definitely have blue eyes?
- Make sure he has a pair of homozygous chromosomes for blue eyes.
 - Make sure he has a pair of heterozygous chromosomes for eye color.
 - Make sure he has a pair of alleles for eye color.
 - Make sure he has one recessive gene for blue eyes.

ANSWER: a
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: Multiple Choice

HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.1 - What are chromosomes and genes? How do they carry hereditary information from one generation to the next?
KEYWORDS: Bloom's: Apply
DATE CREATED: 11/5/2014 2:40 AM
DATE MODIFIED: 11/5/2014 2:41 AM
QUESTION ID: JFND-GO4F-E3YU-GTKF
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMR-GITG-RCUN-GOHS-RA5D-GRSS-RPT3-8RSU-GCBU-GOSU-ECMG-GWSS-GAT1-CA5S-KPTW-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

48. Kirk is heterozygous for cheek dimples but is born with big dimples in both cheeks. Apparently, the allele for cheek dimples is

- dominant.
- sex-linked.
- recessive.
- polygenetic.

ANSWER: a
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.1 - What are chromosomes and genes? How do they carry hereditary information from one generation to the next?
KEYWORDS: Bloom's: Apply
DATE CREATED: 11/5/2014 2:41 AM
DATE MODIFIED: 11/5/2014 2:42 AM
QUESTION ID: JFND-GO4F-E3YU-GTKD
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJI-GO5S-R3MG-GBOU-EAJ3-GESU-QCB1-CESU-ECJA-GOSU-YC3U-CRSU-RCBI-8FOS-GPJU-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

49. If a person had a dominant allele for blonde hair and a recessive allele for red hair, the probability of that person having red hair would be closest to ____ percent.

- 0
- 25
- 50
- 100

ANSWER: a
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.1 - What are chromosomes and genes? How do they carry hereditary information from one generation to the next?

KEYWORDS: Bloom's: Apply
DATE CREATED: 11/5/2014 2:42 AM
DATE MODIFIED: 11/5/2014 2:43 AM
QUESTION ID: JFND-GO4F-E3YU-GTJ1
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJA-8RHD-N3B3-GW3U-QAT3-CWSU-YPUD-8YSU-NC3Z-GOSU-1AJI-8YSS-G3DD-GOHS-RC3S-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

50. If tallness is dominant and designated as "T," and shortness is recessive and designated as "s," who would likely be short?

- a. Bing, who is "sT"
- b. Crosby, who is "Ts"
- c. Danny, who is "ss"
- d. Kay, who is "TT"

ANSWER: c
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.1 - What are chromosomes and genes? How do they carry hereditary information from one generation to the next?

KEYWORDS: Bloom's: Apply
DATE CREATED: 11/5/2014 2:43 AM
DATE MODIFIED: 11/5/2014 2:44 AM
QUESTION ID: JFND-GO4F-E3YU-GTJO
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJU-GBTU-G3JA-CW4U-CCTI-GRSU-1PTZ-8YSU-YPT3-GOSU-YCMD-CRSU-RA5R-GOHD-EP33-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

51. If obesity is dominant and designated as "O" and thinness is recessive and designated as "t," how many of the following individuals would likely be obese: Ginger who is "OO," Mary Ann who is "Ot," Thurston who is "tO," and Gilligan who is "tt"?

- a. 1
- b. 2
- c. 3
- d. 4

ANSWER: c
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.1 - What are chromosomes and genes? How do they carry hereditary information from one generation to the next?
KEYWORDS: Bloom's: Apply
DATE CREATED: 11/5/2014 2:44 AM

DATE MODIFIED: 11/5/2014 2:45 AM
QUESTION ID: JFND-GO4F-E3YU-GTJS
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJT-GEAU-QQMD-CO4D-1C3Z-CASU-CPBO-CESU-OQDR-GOSU-EPJT-GYSU-QCJW-C3TD-EC5R-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

52. Which best exemplifies the concept of incomplete dominance?
- An individual with two alleles for baldness who has long hair
 - An individual with two alleles for shyness who is shy
 - An individual with one allele for obesity and another for thinness who is of average weight
 - An individual with a single allele for aggression who is violent

ANSWER: c
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.1 - What are chromosomes and genes? How do they carry hereditary information from one generation to the next?

KEYWORDS: Bloom's: Apply
DATE CREATED: 11/5/2014 2:45 AM
DATE MODIFIED: 11/5/2014 2:46 AM
QUESTION ID: JFND-GO4F-E3YU-GTJW
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJS-CCHS-CATU-GFUG-GQBI-GRSS-NPBS-8RSS-RAUG-GOSU-Q3J3-GCSU-QC31-GE4U-RCJ1-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

53. Which statement concerning the sickle-cell trait is true?
- Individuals with the trait have the dominant phenotype but possess the recessive genotype.
 - Individuals with the trait have both a dominant and recessive allele for the disorder.
 - Individuals with the trait are genetically predisposed to the disorder but cannot display any symptoms.
 - Individuals with the trait tend to have the most severe form of the disease.

ANSWER: b
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.1 - What are chromosomes and genes? How do they carry hereditary information from one generation to the next?

KEYWORDS: Bloom's: Understand
DATE CREATED: 11/5/2014 2:46 AM
DATE MODIFIED: 11/5/2014 2:47 AM
QUESTION ID: JFND-GO4F-E3YU-GT1B
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJZ-GC4S-K3TO-CR3U-

54. Dr. Fry has just been informed that his son has sickle-cell trait. As a knowledgeable physician, Dr. Fry would realize that his son's body is most likely to experience

- a. excess levels of body fat.
- b. serious oxygen deprivation.
- c. decreased lung capacity.
- d. blindness.

ANSWER: b

POINTS: 1

REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.1 - What are chromosomes and genes? How do they carry hereditary information from one generation to the next?

KEYWORDS: Bloom's: Apply

DATE CREATED: 11/5/2014 2:48 AM

DATE MODIFIED: 11/5/2014 2:48 AM

QUESTION ID: JFND-GO4F-E3YU-GTTA

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJS-8R4G-CPMN-GB1D-RQBW-COSU-CC3S-8YSU-C3DB-GOSS-NCUR-GHSU-NPTW-GH4D-C3B1-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

55. What should Danko do when he is informed that his newborn son has PKU (phenylketonuria)?

- a. Panic, since PKU is an incurable genetic disorder that results in severe intellectual disability
- b. Don't panic, since PKU can be cured with drug treatments
- c. Don't panic, since PKU is a sex-linked disorder that affects only females
- d. Don't panic, since despite being a genetic disorder, it can be controlled through proper diet

ANSWER: d

POINTS: 1

REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.2 - What are common problems involving chromosomes, and what are their consequences?

KEYWORDS: Bloom's: Apply

DATE CREATED: 11/5/2014 2:52 AM

DATE MODIFIED: 11/5/2014 2:53 AM

QUESTION ID: JFND-GO4F-E3YU-GT1R

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMG-COAU-OA3T-GPOS-RQJT-CWSU-CPBS-8YSS-RP5G-GOSU-KP5F-8YSU-QCJT-GB1G-NCB1-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

56. Janaka's two-year-old daughter is mentally retarded due, in part, to a diet that included fish, bread, and dairy

products. The most likely diagnosis for Janaka's daughter is that she has

- a. Turner's syndrome.
- b. Huntington's disease.
- c. Tay Sachs disease.
- d. Phenylketonuria (PKU).

ANSWER: d

POINTS: 1

REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.2 - What are common problems involving chromosomes, and what are their consequences?

KEYWORDS: Bloom's: Apply

DATE CREATED: 11/5/2014 2:54 AM

DATE MODIFIED: 11/5/2014 2:55 AM

QUESTION ID: JFND-GO4F-E3YU-GTT1

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJS-GA3G-ECBI-G3TS-RP5N-GWSU-YCJS-CESU-GC5G-GOSU-K3BA-GWSU-YP5D-CE5D-E3DR-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

57. Huntington's disease is an unusual genetic disorder in that it is a fatal disease caused by dominant alleles that

- a. impact late enough in life so that the individual can reproduce.
- b. are controllable through diet.
- c. both must come from the mother.
- d. strike only males.

ANSWER: a

POINTS: 1

REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.2 - What are common problems involving chromosomes, and what are their consequences?

KEYWORDS: Bloom's: Thinking Critically

DATE CREATED: 11/5/2014 2:55 AM

DATE MODIFIED: 11/5/2014 2:56 AM

QUESTION ID: JFND-GO4F-E3YU-GTTZ

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJ3-CRHS-EPJO-GTUD-OCJ3-8YSU-YC5G-CRSU-Q3TA-GOSS-E3JA-CCSS-NP5D-GFTD-GP33-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

58. ____ is characterized by progressive degeneration of the nervous system.

- a. Huntington's disease
- b. Down syndrome

- c. Phenylketonuria
- d. Sickle-cell disease

ANSWER: a
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.2 - What are common problems involving chromosomes, and what are their consequences?
KEYWORDS: Bloom's: Understand
DATE CREATED: 11/5/2014 2:56 AM
DATE MODIFIED: 11/5/2014 2:57 AM
QUESTION ID: JFND-GO4F-E3YU-GTTI
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJ1-CPUD-NPUR-CCHD-KA3U-CCSU-YPTS-CESU-YAMR-GOSU-YAJU-8RSS-NATZ-CO5U-GPJ3-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

59. Which physical characteristic is most indicative of an individual with Down syndrome?

- a. Enlarged head
- b. A fold of skin over each eyelid
- c. Small tongue
- d. Taller than same-age peers

ANSWER: b
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.2 - What are common problems involving chromosomes, and what are their consequences?
KEYWORDS: Bloom's: Understand
DATE CREATED: 11/5/2014 3:16 AM
DATE MODIFIED: 11/5/2014 3:17 AM
QUESTION ID: JFND-GO4F-E3YU-GO3U
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJA-CA3D-GQDF-GB1D-1A3T-CRSS-EAMN-8YSU-OPDF-GOSS-KPDB-GRSS-CC5N-C3TD-RQMD-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

60. Following a prenatal exam, your physician remarks, "It appears as if your fetus has 47 chromosomes." What would be the most likely response to this information?

- a. Concern, as this may indicate that your child has Down syndrome
- b. Concern, as this may indicate that your child has sickle-cell anemia
- c. Concern, as this may indicate that your child has phenylketonuria (PKU)
- d. Relief, since this is a normal number of chromosomes

ANSWER: a

POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.2 - What are common problems involving chromosomes, and what are their consequences?
KEYWORDS: Bloom's: Apply
DATE CREATED: 11/5/2014 3:17 AM
DATE MODIFIED: 11/5/2014 3:18 AM
QUESTION ID: JFND-GO4F-E3YU-GO3O
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJT-CFTS-N3UF-CO5U-C3BS-GASU-1QJI-CESU-O3DF-GOSS-G3UR-GRSU-ECJT-GYHU-KA3I-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

61. Which maternal characteristic is most strongly associated with giving birth to a baby with Down syndrome? Which maternal characteristic is most strongly associated with giving birth to a baby with Down syndrome?

- a. Low levels of intelligence (i.e., mental retardation)
- b. Consumption of alcohol
- c. Higher maternal age
- d. Exposure to lead or mercury

ANSWER: c
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.2 - What are common problems involving chromosomes, and what are their consequences?
KEYWORDS: Bloom's: Understand
DATE CREATED: 11/5/2014 3:19 AM
DATE MODIFIED: 11/5/2014 3:20 AM
QUESTION ID: JFND-GO4F-E3YU-GO3S
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJZ-CJUG-N3UD-CIUD-KATI-CWSS-NCB3-8YSS-KCJ3-GOSU-KAUB-8RSU-QAMF-GITU-RAJT-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

62. "Trisomy 21" (three 21st chromosomes) best describes

- a. Huntington's disease.
- b. Down syndrome.
- c. Phenylketonuria (PKU).
- d. sickle-cell trait.

ANSWER: b
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: Multiple Choice

HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.2 - What are common problems involving chromosomes, and what are their consequences?
KEYWORDS: Bloom's: Understand
DATE CREATED: 11/5/2014 3:20 AM
DATE MODIFIED: 11/5/2014 3:21 AM
QUESTION ID: JFND-GO4F-E3YU-GO3W
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMN-CIUD-CQMG-CRHD-CATO-GRSS-GPTS-8YSU-QAJI-GOSU-Y3MR-GOSS-KCJZ-CIUG-NP31-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

63. Because of his accurate knowledge of genetics and disorders, Benson knows that his newborn son has no chance of having

- a. Turner's syndrome.
- b. Klinefelter's syndrome.
- c. Huntington's disease.
- d. Down syndrome.

ANSWER: a
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.2 - What are common problems involving chromosomes, and what are their consequences?
KEYWORDS: Bloom's: Apply
DATE CREATED: 11/5/2014 3:21 AM
DATE MODIFIED: 11/5/2014 3:22 AM
QUESTION ID: JFND-GO4F-E3YU-GTNB
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMB-CC4U-RQBW-GHHD-OPMG-CESS-NPDD-8YSS-RQDN-GOSS-KPT3-CRSS-NPDR-CTTG-GQJI-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

64. Which combination of sex chromosomes is *not* possible in a living human being?

- a. A single X chromosome
- b. XXY
- c. XYY
- d. A single Y chromosome

ANSWER: d
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.2 - What are common problems involving chromosomes, and what are their consequences?
KEYWORDS: Bloom's: Understand

DATE CREATED: 11/5/2014 3:22 AM
DATE MODIFIED: 11/5/2014 3:24 AM
QUESTION ID: JFND-GO4F-E3YU-GTBA
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMR-GEAS-G3BI-CW3U-R3TA-COSS-CCTS-8RSS-GCDR-GOSS-CP3O-8YSS-NCT3-GAHD-CPDN-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

65. As a behavioral geneticist, Juan would most likely be studying
- the maze-learning behavior of rats.
 - the evolution of intelligence.
 - a gene that is believed to cause shyness.
 - the physiological structure of a gene.

ANSWER: c
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.3 - How is children's heredity influenced by the environment in which they grow up?
KEYWORDS: Bloom's: Apply
DATE CREATED: 11/5/2014 3:24 AM
DATE MODIFIED: 11/5/2014 3:25 AM
QUESTION ID: JFND-GO4F-E3YU-GTND
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJS-GA5S-EPJ3-GOHG-EA3T-COSS-CQJW-CESU-NCMB-GOSU-G3MB-CCSU-QCJT-CWAG-GP3I-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

66. Which statement best exemplifies the basic premise of behavioral genetics?
- "Your personality is all in your genes"
 - "Your personality is all in your environment"
 - "People are either very open to new experiences or avoid new experiences at all costs"
 - "Openness to new experience is not an either/or proposition but represents a wide range of reactions"

ANSWER: d
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.3 - How is children's heredity influenced by the environment in which they grow up?
KEYWORDS: Bloom's: Thinking Critically
DATE CREATED: 11/5/2014 3:25 AM
DATE MODIFIED: 11/5/2014 3:26 AM
QUESTION ID: JFND-GO4F-E3YU-GTB1
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMG-CEAD-RCB1-GO5U-

67. If a physician informed you that your speech disorder was the result of problems on chromosomes 4, 7, and 15, you would rightly conclude that the disorder is always classifiable as

- a. recessive.
- b. polygenetic.
- c. dominant.
- d. sex-linked.

ANSWER: b

POINTS: 1

REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.3 - How is children's heredity influenced by the environment in which they grow up?

KEYWORDS: Bloom's: Apply

DATE CREATED: 11/5/2014 3:26 AM

DATE MODIFIED: 11/5/2014 3:27 AM

QUESTION ID: JFND-GO4F-E3YU-GTBT

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMD-GJOS-CA3T-GPTU-KCDF-CWSU-NPMN-CESS-GPTZ-GOSU-OPJO-CCSS-EP5B-COAS-NCJO-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

68. Genotypes usually involve some combination of dominant and recessive alleles. What is the most common inheritance pattern?

- a. Two dominant and six recessive
- b. Six dominant and two recessive
- c. All recessive
- d. Four dominant and four recessive

ANSWER: d

POINTS: 1

REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.3 - How is children's heredity influenced by the environment in which they grow up?

KEYWORDS: Bloom's: Understand

DATE CREATED: 11/5/2014 3:28 AM

DATE MODIFIED: 11/5/2014 3:32 AM

QUESTION ID: JFND-GO4F-E3YU-GTBI

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMD-CCHD-N3JI-CRHD-NQBS-GWSS-NP3Z-CRSS-ECDD-GOSU-RATI-GWSU-KQBZ-8BTD-1A3T-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

69. John and Wayne have the exact same genes. This indicates that they must be
- dizygotic twins.
 - monozygotic twins.
 - heterozygous.
 - co-dominant.

ANSWER: b
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.3 - How is children's heredity influenced by the environment in which they grow up?
KEYWORDS: Bloom's: Apply
DATE CREATED: 11/5/2014 3:49 AM
DATE MODIFIED: 11/5/2014 3:51 AM
QUESTION ID: JFND-GO4F-E3YU-GC1N
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMD-GJUG-NC3U-CO5U-RA3I-CWSU-EA3S-CRSU-RC5N-GOSU-YPUB-CASS-N3TW-GO3D-O3BO-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

70. As dizygotic twins, Jewel and Bjork
- are genetically identical.
 - must have come from the same fertilized egg.
 - share all phenotypes.
 - share about half of their genes.

ANSWER: d
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.3 - How is children's heredity influenced by the environment in which they grow up?
KEYWORDS: Bloom's: Apply
DATE CREATED: 11/5/2014 3:51 AM
DATE MODIFIED: 11/5/2014 3:53 AM
QUESTION ID: JFND-GO4F-E3YU-GCT3
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJZ-GA3U-NCDB-GW4D-OCBZ-CESU-E3JA-8RSU-C3JO-GOSU-QCJA-GWSS-KPTS-CW4G-GQDD-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

71. Monozygotic is to dizygotic as
- one mother is to two mothers.
 - one egg is to two eggs.
 - dominant is to recessive.

d. heterozygous is to homozygous.

ANSWER: b
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.3 - How is children's heredity influenced by the environment in which they grow up?
KEYWORDS: Bloom's: Thinking Critically
DATE CREATED: 11/5/2014 3:53 AM
DATE MODIFIED: 11/5/2014 3:55 AM
QUESTION ID: JFND-GO4F-E3YU-GC1G
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJU-GRHD-QQBS-GEHD-OCBI-GOSU-CCJS-CESS-GQBW-GOSS-EP3Z-CWSU-K3BZ-8FTU-OPTU-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

72. José, who was adopted at birth, is found to have personality characteristics more similar to his biological mom than to his adoptive mom. How should you interpret this data?

- a. Personality appears to be a polygenetic characteristic.
- b. Personality characteristics are learned.
- c. Personality characteristics are influenced by genes.
- d. Personality characteristics appear to be recessive.

ANSWER: c
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.3 - How is children's heredity influenced by the environment in which they grow up?
KEYWORDS: Bloom's: Apply
DATE CREATED: 11/5/2014 3:55 AM
DATE MODIFIED: 11/5/2014 3:56 AM
QUESTION ID: JFND-GO4F-E3YU-GC1F
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJU-GF1D-CA3Z-CAHG-EAUN-COSS-KQDB-CRSU-YPUD-GOSS-CCBW-GYSU-KPTO-GBOS-KPDG-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

73. Which result would *not* support the idea that genes play a significant role in behavior?

- a. Finding dizygotic twins to be more similar than monozygotic twins
- b. Finding children to be more similar to their biological parents than to their adoptive parents
- c. Finding similarities between biological siblings
- d. Finding monozygotic twins to be more similar than pairs of unrelated individuals

ANSWER: a
POINTS: 1

REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.3 - How is children's heredity influenced by the environment in which they grow up?
KEYWORDS: Bloom's: Thinking Critically
DATE CREATED: 11/5/2014 3:57 AM
DATE MODIFIED: 11/5/2014 3:58 AM
QUESTION ID: JFND-GO4F-E3YU-GCT1
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMG-GYAD-QCUF-CCAD-OCJZ-GESU-YQJS-CRSU-EP3T-GOSS-KQBT-GWSS-CPDB-GCHG-EPJ3-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

74. The concept that genotypes are not the only things that control traits involves the fact that
- dizygotic twins are virtually genetically identical.
 - each genotype can produce a variety of phenotypes.
 - recessive genes are more commonly expressed than dominant genes.
 - the environment has little impact on behavior.

ANSWER: b
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.3 - How is children's heredity influenced by the environment in which they grow up?
KEYWORDS: Bloom's: Thinking Critically
DATE CREATED: 11/5/2014 3:58 AM
DATE MODIFIED: 11/5/2014 4:03 AM
QUESTION ID: JFND-GO4F-E3YU-GCTO
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJI-GWHD-EQBZ-8YAD-EQDB-CASS-C3J3-8YSU-OQDB-GOSU-O3DF-GRSU-E3JA-CTTS-EQJZ-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

75. Despite being raised in two very different environments, identical twins Tina and Gina receive a similar score on a shyness scale. These results suggest that correlation between genetics and shyness is
- small.
 - large.
 - inverse.
 - polygenetic.

ANSWER: a
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.3 - How is children's heredity influenced by the environment in

which they grow up?

KEYWORDS: Bloom's: Apply
DATE CREATED: 11/5/2014 4:44 AM
DATE MODIFIED: 11/5/2014 4:45 AM
QUESTION ID: JFND-GO4F-E3YU-GP4N
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMF-G31D-OP5R-GA5G-RPB1-GOSU-E3T3-CESS-E3UN-GOSU-YPMG-GOSS-KQBA-GH5S-CQMF-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

76. Genes and environments

- a. interact dynamically throughout development.
- b. act independently throughout development.
- c. interact dynamically in childhood and independently in adulthood.
- d. act independently in childhood and interact dynamically in adulthood.

ANSWER: a
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.3 - How is children's heredity influenced by the environment in which they grow up?
KEYWORDS: Bloom's: Thinking Critically
DATE CREATED: 11/5/2014 4:45 AM
DATE MODIFIED: 11/5/2014 4:47 AM
QUESTION ID: JFND-GO4F-E3YU-GP3A
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJO-GY4G-GPTZ-GEHU-YCJZ-8YSU-YP5G-CRSU-1QJ1-GOSU-1P3O-GCSU-YPTI-GB1U-QPB1-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

77. As a behavioral geneticist, Professor Klink is most likely to calculate the extent to which depression is inherited using a ____ coefficient.

- a. nonshared
- b. DNA
- c. polygenetic
- d. heritability

ANSWER: d
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.3 - How is children's heredity influenced by the environment in which they grow up?
KEYWORDS: Bloom's: Apply
DATE CREATED: 11/5/2014 4:47 AM
DATE MODIFIED: 11/5/2014 4:48 AM

QUESTION ID: JFND-GO4F-E3YU-GP4R

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMF-GJ1U-Q3JS-GYAS-EPDN-GHSS-K3DG-8RSU-NPJU-GOSU-QCB1-GRSU-GATT-GJUG-RCTI-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

78. A heritability coefficient of ____ means about 50 percent of the difference between people on a specific characteristic is the result of heredity.

- a. 5
- b. 5
- c. 50
- d. 500

ANSWER: a

POINTS: 1

REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.3 - How is children's heredity influenced by the environment in which they grow up?

KEYWORDS: Bloom's: Understand

DATE CREATED: 11/5/2014 4:48 AM

DATE MODIFIED: 11/5/2014 4:49 AM

QUESTION ID: JFND-GO4F-E3YU-GP3T

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJO-CW4U-NCJZ-CWHD-CPMB-8YSU-QAMD-CESU-GP5F-GOSS-R3BU-GESU-OPDG-GW4U-K3TT-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

79. A heritability coefficient is a derivation of a(n)

- a. t-test.
- b. analysis of variance.
- c. correlation.
- d. chi-square.

ANSWER: c

POINTS: 1

REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.3 - How is children's heredity influenced by the environment in which they grow up?

KEYWORDS: Bloom's: Thinking Critically

DATE CREATED: 11/5/2014 4:49 AM

DATE MODIFIED: 11/5/2014 4:52 AM

QUESTION ID: JFND-GO4F-E3YU-GP3Z

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMN-COHS-CP33-CFTG-G3DD-GASS-RA3A-CRSS-RPTA-GOSU-QCTI-GASU-GCBA-CT1G-NPB1-E7JI-

80. _____ occurs when an individual intentionally seeks out an environment that matches characteristics driven by his or her genes.

- a. Passive gene-environment interactions
- b. Incomplete dominance
- c. Niche-picking
- d. Polygenetic inheritance

ANSWER: c

POINTS: 1

REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.3 - How is children's heredity influenced by the environment in which they grow up?

KEYWORDS: Bloom's: Understand

DATE CREATED: 11/5/2014 4:52 AM

DATE MODIFIED: 11/5/2014 4:53 AM

QUESTION ID: JFND-GO4F-E3YU-GP3I

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMN-G71U-OPUG-8F1D-YCBA-8RSU-GPJI-CESU-RPTW-GOSU-OCBS-GHSU-KCMG-CJTS-GA3S-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

81. Which individual with a genetic predisposition toward being extroverted is demonstrating successful niche-picking?

- a. Wink, who is a game-show host
- b. Wilbur, who is a horse trainer
- c. Sebastian, who is a hermit who lives in a cave by himself
- d. Dexter, who spends a lot of time studying in the library

ANSWER: a

POINTS: 1

REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.3 - How is children's heredity influenced by the environment in which they grow up?

KEYWORDS: Bloom's: Apply

DATE CREATED: 11/5/2014 4:54 AM

DATE MODIFIED: 11/5/2014 4:55 AM

QUESTION ID: JFND-GO4F-E3YU-GPNB

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJ3-GH5U-1PUR-GAAG-CA3S-COSS-E3BZ-8RSU-EATS-GOSU-CAUD-GWSS-E3UF-GE5D-YC5R-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

82. Nonshared environmental influences involve forces that make siblings

- a. act in virtually identical ways.
- b. homozygous.
- c. dizygotic twins.
- d. different from one another.

ANSWER: d
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.3 - How is children's heredity influenced by the environment in which they grow up?
KEYWORDS: Bloom's: Thinking Critically
DATE CREATED: 11/5/2014 4:55 AM
DATE MODIFIED: 11/5/2014 4:56 AM
QUESTION ID: JFND-GO4F-E3YU-GPBA
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMN-GTUD-EATT-8YAU-KAJI-GESU-1PJU-CESS-CCDF-GOSU-NPBS-CCSS-C3BS-G3OU-NCJT-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

83. Jack and Jill are twins. Because he is a boy, Jack's parents encourage him to run. However, they discourage Jill from engaging in athletic activity. As a result, Jack is much faster at running up a hill than Jill. The difference in Jack and Jill's behavior is best explained by

- a. nonshared environmental influences.
- b. active gene-environment relations.
- c. polygenetic effects.
- d. niche-picking.

ANSWER: a
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.3 - How is children's heredity influenced by the environment in which they grow up?
KEYWORDS: Bloom's: Apply
DATE CREATED: 11/5/2014 4:57 AM
DATE MODIFIED: 11/5/2014 4:58 AM
QUESTION ID: JFND-GO4F-E3YU-GPNG
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMG-CE3D-G3TW-C31U-C3J3-GCSS-K3TS-CESS-E3JZ-GOSS-CPTZ-GWSS-NCUG-GT1D-YQBW-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

84. Which statement is true?

- a. Environmental influences within a family typically make children within a family different
- b. Genes cannot influence the kind of environment to which a person is exposed

- c. Behavioral consequences of genetic instructions are independent from environmental factors
- d. The impact of environment on heredity wanes with age

ANSWER: a
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.3 - How is children's heredity influenced by the environment in which they grow up?
KEYWORDS: Bloom's: Thinking Critically
DATE CREATED: 11/5/2014 4:58 AM
DATE MODIFIED: 11/8/2014 12:22 AM
QUESTION ID: JFND-GO4F-E3YU-GPNR
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJI-CEHD-NA5B-CPTU-13DN-COSS-R3MD-CRSU-CQDB-GOSU-NQBI-CASU-RQDF-GAHU-KA3T-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

85. Which period is *not* considered part of prenatal development?

- a. Period of the fetus
- b. Period of the zygote
- c. Period of the neonate
- d. Period of the embryo

ANSWER: c
POINTS: 1
REFERENCES: 2.2 From Conception to Birth
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.1 - What happens to a fertilized egg in the first two weeks after conception?
KEYWORDS: Bloom's: Understand
DATE CREATED: 11/5/2014 5:00 AM
DATE MODIFIED: 11/5/2014 5:01 AM
QUESTION ID: JFND-GO4F-E3YU-GPND
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMF-GW3G-N3BT-GBTS-NCTT-COSU-GCMN-8RSU-RC3S-GOSS-CCJU-GCSS-EC3O-CCAS-EAT3-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

86. Prenatal development begins

- a. with sperm production.
- b. with ovulation.
- c. at conception.
- d. at implantation into the uterus.

ANSWER: c
POINTS: 1

REFERENCES: 2.2 From Conception to Birth
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.1 - What happens to a fertilized egg in the first two weeks after conception?
KEYWORDS: Bloom's: Understand
DATE CREATED: 11/5/2014 5:01 AM
DATE MODIFIED: 11/5/2014 5:03 AM
QUESTION ID: JFND-GO4F-E3YU-GPB1
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMN-CW4U-OCJZ-CA3D-KAMG-CESU-EAJT-CRSU-NAUF-GOSU-GQDF-CRSS-E3MD-CO3G-CCJ3-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

87. The period of the ____ lasts for approximately two weeks.

- a. embryo
- b. zygote
- c. fetus
- d. neonate

ANSWER: b
POINTS: 1
REFERENCES: 2.2 From Conception to Birth
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.1 - What happens to a fertilized egg in the first two weeks after conception?
KEYWORDS: Bloom's: Understand
DATE CREATED: 11/5/2014 5:03 AM
DATE MODIFIED: 11/5/2014 5:04 AM
QUESTION ID: JFND-GO4F-E3YU-GPBZ
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJU-CJUD-CAJT-8R5G-R3UF-GRSS-RAJU-CRSU-K3TU-GOSS-EQDR-GYSS-G3UN-GAHD-QQBO-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

88. The uniting of the egg and sperm (conception) typically takes place in the

- a. uterus.
- b. testes.
- c. fallopian tube.
- d. ovary.

ANSWER: c
POINTS: 1
REFERENCES: 2.2 From Conception to Birth
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.1 - What happens to a fertilized egg in the first two weeks after conception?

KEYWORDS: Bloom's: Understand
DATE CREATED: 11/5/2014 5:04 AM
DATE MODIFIED: 11/5/2014 5:06 AM
QUESTION ID: JFND-GO4F-E3YU-GPBI
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJZ-GJ1S-NC5G-CC4G-KC3O-COSU-RPMR-8YSS-GQBT-GOSU-KQBT-CESU-NPTZ-CR3D-YAJA-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

89. If Agnieszka found out that she was conceived through in vitro fertilization, she would know for certain that
- she was conceived in a Petri dish.
 - she was conceived inside a fallopian tube.
 - her biological parents were not the same as the parents who reared her.
 - the woman who carried her as a baby was not the woman who reared her.

ANSWER: a
POINTS: 1
REFERENCES: 2.2 From Conception to Birth
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.1 - What happens to a fertilized egg in the first two weeks after conception?
KEYWORDS: Bloom's: Apply
DATE CREATED: 11/5/2014 5:06 AM
DATE MODIFIED: 11/5/2014 5:07 AM
QUESTION ID: JFND-GO4F-E3YU-GPKB
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMB-8Y4D-RCJT-CO4S-NAUG-CCSS-EPB1-CRSU-OC3Z-GOSU-GQJS-GOSU-CAJW-GHHU-CQDD-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

90. Which event occurs following in vitro fertilization?
- A fertilized egg is placed directly into the uterus.
 - A sperm is injected directly into the fallopian tube.
 - A fertilized egg is directly placed in the ovary.
 - A single sperm is injected directly into a fertilized egg.

ANSWER: a
POINTS: 1
REFERENCES: 2.2 From Conception to Birth
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.1 - What happens to a fertilized egg in the first two weeks after conception?
KEYWORDS: Bloom's: Thinking Critically
DATE CREATED: 11/5/2014 5:08 AM
DATE MODIFIED: 11/5/2014 5:09 AM
QUESTION ID: JFND-GO4F-E3YU-GPKG

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMF-G7OS-GQJS-CAHU-RQJ1-GASU-QC3S-8YSS-KPMR-GOSS-NCTS-CASS-GPBU-GC4S-R3MB-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

91. Which statement concerning in vitro fertilization is *false*?

- a. The odds of having twins or triplets may increase.
- b. About 90 percent of in vitro fertilization attempts are successful.
- c. The procedure is not typically covered by insurance.
- d. There is an increased risk of birth defects in infants conceived using the procedure.

ANSWER: b

POINTS: 1

REFERENCES: 2.2 From Conception to Birth

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.1 - What happens to a fertilized egg in the first two weeks after conception?

KEYWORDS: Bloom's: Understand

DATE CREATED: 11/5/2014 5:09 AM

DATE MODIFIED: 11/5/2014 5:11 AM

QUESTION ID: JFND-GO4F-E3YU-GPJU

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJO-GPTU-QPB3-GA3D-OAMG-8YSU-G3DB-8YSU-GPJZ-GOSU-RCUN-CWSS-ECBU-GW5G-NCBZ-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

92. Whose behavior best exemplifies eugenics?

- a. Dr. Green, who uses an in vitro fertilization technique
- b. Dr. Black, who allows only certain individuals to mate
- c. Dr. White, who studies the effects of thalidomide on prenatal development
- d. Dr. Brown, who closely monitors the nutrition of expecting mothers

ANSWER: b

POINTS: 1

REFERENCES: 2.2 From Conception to Birth

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.1 - What happens to a fertilized egg in the first two weeks after conception?

KEYWORDS: Bloom's: Apply

DATE CREATED: 11/5/2014 5:11 AM

DATE MODIFIED: 11/5/2014 5:12 AM

QUESTION ID: JFND-GO4F-E3YU-GPJS

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJS-GTTD-C3BT-8RAD-K3BS-GYSU-YCDF-CRSU-KA5R-GOSU-GQBW-GCSU-EP5R-CP1U-QCTU-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

93. The period of the zygote begins with

- a. ovulation.
- b. ejaculation.
- c. implantation.
- d. fertilization.

ANSWER: d

POINTS: 1

REFERENCES: 2.2 From Conception to Birth

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.1 - What happens to a fertilized egg in the first two weeks after conception?

KEYWORDS: Bloom's: Understand

DATE CREATED: 11/5/2014 5:13 AM

DATE MODIFIED: 11/5/2014 5:17 AM

QUESTION ID: JFND-GO4F-E3YU-EOKB

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJI-CA5S-GA5G-8Y5D-1PT3-8RSU-ECB3-8YSU-CP3W-GOSS-EC3A-8YSU-E3DF-CO3U-1PJ1-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

94. A developing human that is traveling from a fallopian tube to the uterus would most accurately be described as a(n)

- a. embryo.
- b. fetus.
- c. zygote.
- d. amnion.

ANSWER: c

POINTS: 1

REFERENCES: 2.2 From Conception to Birth

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.1 - What happens to a fertilized egg in the first two weeks after conception?

KEYWORDS: Bloom's: Understand

DATE CREATED: 11/5/2014 5:17 AM

DATE MODIFIED: 11/5/2014 5:19 AM

QUESTION ID: JFND-GO4F-E3YU-EOKF

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMF-C3TD-1C5D-GCAG-RP5R-GASU-RCTI-CRSS-RAUN-GOSU-QQMB-GOSU-KCJZ-GYHD-QPTA-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

95. What began as a single fertilized egg has just separated into two distinct eggs. This indicates the formation of ____ twins that has occurred during the ____ period of development.

- a. fraternal; zygotic
- b. fraternal; embryonic

- c. identical; zygotic
- d. identical; embryonic

ANSWER: c
POINTS: 1
REFERENCES: 2.2 From Conception to Birth
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.1 - What happens to a fertilized egg in the first two weeks after conception?
KEYWORDS: Bloom's: Apply
DATE CREATED: 11/5/2014 5:19 AM
DATE MODIFIED: 11/5/2014 5:20 AM
QUESTION ID: JFND-GO4F-E3YU-EOJU
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJ3-CIUD-13J1-CW5U-GQDR-GOSS-RCBO-CRSS-EPBW-GOSS-EPJS-CRSU-CPJZ-CCHU-NPJZ-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

96. The point at which a zygote burrows into the uterine wall is referred to as
- a. fertilization.
 - b. implantation.
 - c. niche-picking.
 - d. dilation.

ANSWER: b
POINTS: 1
REFERENCES: 2.2 From Conception to Birth
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.1 - What happens to a fertilized egg in the first two weeks after conception?
KEYWORDS: Bloom's: Understand
DATE CREATED: 11/5/2014 5:20 AM
DATE MODIFIED: 11/5/2014 5:22 AM
QUESTION ID: JFND-GO4F-E3YU-EOJT
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJA-8YAU-EP3Z-CA3D-RPBO-GESU-OA5D-CESS-KC3W-GOSS-KCTS-CASU-GPTO-CR4U-YPBU-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

97. A physician has just informed pregnant Moesha that the human organism developing inside of her has just begun to show differentiation of its cells. As a knowledgeable student, you would know that such an organism is technically called a(n)
- a. embryo.
 - b. zygote.
 - c. fetus.
 - d. neonate.

ANSWER: b

POINTS: 1
REFERENCES: 2.2 From Conception to Birth
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.1 - What happens to a fertilized egg in the first two weeks after conception?
KEYWORDS: Bloom's: Apply
DATE CREATED: 11/5/2014 5:22 AM
DATE MODIFIED: 11/5/2014 5:23 AM
QUESTION ID: JFND-GO4F-E3YU-EOJS
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJS-GE3S-K3TW-GO4G-CCDD-GCSS-NP3I-8YSU-QA5N-GOSS-CC5G-CCSS-R3MF-8YAU-NPBT-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

98. Pregnant Patty's body is currently experiencing the event that triggers hormonal changes that will prevent further menstruation. This event is called

- a. implantation.
- b. conception.
- c. dilation.
- d. effacement.

ANSWER: a
POINTS: 1
REFERENCES: 2.2 From Conception to Birth
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.1 - What happens to a fertilized egg in the first two weeks after conception?
KEYWORDS: Bloom's: Apply
DATE CREATED: 11/5/2014 5:24 AM
DATE MODIFIED: 11/5/2014 5:26 AM
QUESTION ID: JFND-GO4F-E3YU-EOJW
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMF-C31G-NQMD-GFOS-G3TO-COSU-EPMR-CESS-EPMF-GOSU-K3JS-GWSS-GATI-GA5G-GCBA-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

99. The ____ is the cluster of cells in the center of the zygote that will eventually develop into the baby.

- a. Amnion
- b. stem cell
- c. germ disc
- d. placenta

ANSWER: c
POINTS: 1
REFERENCES: 2.2 From Conception to Birth
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.1 - What happens to a fertilized egg in the first two weeks after conception?

KEYWORDS: Bloom's: Understand

DATE CREATED: 11/5/2014 5:26 AM

DATE MODIFIED: 11/5/2014 5:27 AM

QUESTION ID: JFND-GO4F-E3YU-EOT3

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMG-8BUD-O3JS-CR4G-RQDB-8RSU-OPMG-CRSS-G3DR-GOSU-EPBU-CWSS-RPMD-GBOS-GPTO-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

100. The ____ is the structure through which a mother and an embryo exchange waste and nutrients.

- a. amnion
- b. stem cell
- c. germ disc
- d. placenta

ANSWER: d

POINTS: 1

REFERENCES: 2.2 From Conception to Birth

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.1 - What happens to a fertilized egg in the first two weeks after conception?

KEYWORDS: Bloom's: Understand

DATE CREATED: 11/5/2014 5:28 AM

DATE MODIFIED: 11/5/2014 5:29 AM

QUESTION ID: JFND-GO4F-E3YU-EO1R

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJO-GC4D-Q3DD-GTTG-RPB1-GCSS-NPTU-CESS-RC3O-GOSU-OPT3-8RSU-CQJT-CCAG-GP3T-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

101. The developing human organism that has just become completely embedded in the wall of the uterus is called the

- a. amnion.
- b. fetus.
- c. zygote.
- d. embryo.

ANSWER: d

POINTS: 1

REFERENCES: 2.2 From Conception to Birth

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.2 - When do body structures and internal organs emerge in prenatal development?

KEYWORDS: Bloom's: Thinking Critically

DATE CREATED: 11/5/2014 5:30 AM

DATE MODIFIED: 11/5/2014 5:31 AM
QUESTION ID: JFND-GO4F-E3YU-EOTZ
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJO-GW4D-OAT1-CA5D-CAJZ-COSS-K3JU-8YSS-EQBZ-GOSU-K3B3-GCSS-CQDN-CEAG-KPBW-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

102. At five weeks after conception, a developing human is most accurately called a(n)
- a. embryo.
 - b. zygote.
 - c. fetus.
 - d. neonate.

ANSWER: a
POINTS: 1
REFERENCES: 2.2 From Conception to Birth
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.2 - When do body structures and internal organs emerge in prenatal development?

KEYWORDS: Bloom's: Thinking Critically

DATE CREATED: 11/5/2014 5:31 AM

DATE MODIFIED: 11/5/2014 5:32 AM

QUESTION ID: JFND-GO4F-E3YU-EQNN

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMR-CFTD-QC3T-CE5G-ECBW-GESU-NCJ3-8RSU-R3UB-GOSU-CPBS-CCSU-CA5N-G71U-KCBT-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

103. Hair and the nervous system develop during the embryonic period from cells contained in the ____ layer.
- a. mesoderm
 - b. endoderm
 - c. placenta
 - d. ectoderm

ANSWER: d
POINTS: 1
REFERENCES: 2.2 From Conception to Birth
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.2 - When do body structures and internal organs emerge in prenatal development?

KEYWORDS: Bloom's: Understand

DATE CREATED: 11/5/2014 5:33 AM

DATE MODIFIED: 11/5/2014 5:34 AM

QUESTION ID: JFND-GO4F-E3YU-EQB3

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJU-8Y3D-G3UG-G7TS-RCUB-CASS-R3TA-CESU-NQDG-GOSU-OAJ1-8YSU-QC3I-GT1D-QQBA-E7JI-

104. Damage to cells in the embryo's ____ layer would be most likely to result in the development of a defective digestive system.

- a. endoderm
- b. placenta
- c. ectoderm
- d. mesoderm

ANSWER: a

POINTS: 1

REFERENCES: 2.2 From Conception to Birth

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.2 - When do body structures and internal organs emerge in prenatal development?

KEYWORDS: Bloom's: Understand

DATE CREATED: 11/5/2014 5:35 AM

DATE MODIFIED: 11/5/2014 5:36 AM

QUESTION ID: JFND-GO4F-E3YU-EQNG

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMD-GRAS-GQMG-GY5D-YAUR-GWSU-C3JO-CRSU-Q3JW-GOSU-QC33-GWSS-ECDB-GCHG-EQJZ-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

105. Dr. Proctor tells Uma that her developing embryo is showing distortions in the development of its circulatory system. As a knowledgeable student of human development, Uma should realize that the problem is within cells of the ____ layer.

- a. placenta
- b. mesoderm
- c. ectoderm
- d. endoderm

ANSWER: b

POINTS: 1

REFERENCES: 2.2 From Conception to Birth

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.2 - When do body structures and internal organs emerge in prenatal development?

KEYWORDS: Bloom's: Apply

DATE CREATED: 11/5/2014 5:36 AM

DATE MODIFIED: 11/5/2014 5:39 AM

QUESTION ID: JFND-GO4F-E3YU-EQBU

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJS-G11U-NPJU-CW3U-G3JO-GASS-KA5R-8YSS-NATU-GOSU-1AJT-8YSS-KPUG-GTTG-CAUR-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

106. Ectoderm is to endoderm as
- a. heterozygous is to homozygous.
 - b. fraternal is to identical.
 - c. outer is to inner.
 - d. bone is to muscle.

ANSWER: c

POINTS: 1

REFERENCES: 2.2 From Conception to Birth

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.2 - When do body structures and internal organs emerge in prenatal development?

KEYWORDS: Bloom's: Thinking Critically

DATE CREATED: 11/5/2014 5:39 AM

DATE MODIFIED: 11/5/2014 5:40 AM

QUESTION ID: JFND-GO4F-E3YU-EQBI

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJZ-GE5S-ECTI-C11D-QQDG-GESU-EPDF-CESU-K3TI-GOSU-KAJ1-8YSU-K3JS-CAHS-CPBS-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

107. Muscle and bones develop during the embryonic period from cells contained in the ____ layer.
- a. mesoderm
 - b. endoderm
 - c. placenta
 - d. ectoderm

ANSWER: a

POINTS: 1

REFERENCES: 2.2 From Conception to Birth

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.2 - When do body structures and internal organs emerge in prenatal development?

KEYWORDS: Bloom's: Understand

DATE CREATED: 11/5/2014 5:41 AM

DATE MODIFIED: 11/5/2014 5:42 AM

QUESTION ID: JFND-GO4F-E3YU-EQKG

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMF-GJ1D-EA5N-CO4U-EA3O-CRSU-RC3W-8RSU-Y3BO-GOSS-C3T3-CWSU-C3J1-GW4G-CP5B-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

108. While observing a special monitor, a physician tells an expectant mother, "As you can see, the legs and arms have just begun to emerge." From this description, you should realize that the two are looking at a(n)
- a. zygote.
 - b. fetus.

- c. embryo.
- d. germ disc.

ANSWER: c
POINTS: 1
REFERENCES: 2.2 From Conception to Birth
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.2 - When do body structures and internal organs emerge in prenatal development?
KEYWORDS: Bloom's: Apply
DATE CREATED: 11/5/2014 5:42 AM
DATE MODIFIED: 11/5/2014 5:44 AM
QUESTION ID: JFND-GO4F-E3YU-EQJU
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJU-CAAD-QQJW-C31G-R3BZ-GWSS-KCB1-8RSU-Y3DN-GOSU-Y3BA-8RSS-RQJA-CRAS-RAUB-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

109. The sac in which the embryo resides is called the

- a. ectoderm.
- b. amnion.amnion.
- c. germ disc.
- d. placenta.

ANSWER: b
POINTS: 1
REFERENCES: 2.2 From Conception to Birth
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.2 - When do body structures and internal organs emerge in prenatal development?
KEYWORDS: Bloom's: Understand
DATE CREATED: 11/5/2014 5:44 AM
DATE MODIFIED: 11/5/2014 5:45 AM
QUESTION ID: JFND-GO4F-E3YU-EQJS
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMG-GC5U-RA5N-CITU-RATU-GCSS-EPT1-8YSU-Q3BA-GOSU-O3JT-COSU-QCBI-CA4U-RAJ3-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

110. One key purpose of the amniotic fluid is to

- a. provide the embryo with nutrients.
- b. stimulate development of neurotransmitters.
- c. screen the flow of blood between mother and embryo.
- d. maintain a constant temperature for the embryo.

ANSWER: d
POINTS: 1

REFERENCES: 2.2 From Conception to Birth
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.2 - When do body structures and internal organs emerge in prenatal development?
KEYWORDS: Bloom's: Understand
DATE CREATED: 11/5/2014 5:46 AM
DATE MODIFIED: 11/5/2014 5:47 AM
QUESTION ID: JFND-GO4F-E3YU-ETJA
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJT-GYHS-C3TI-GE4G-NAT3-CWSU-CPMR-8YSU-CC3Z-GOSS-RCBA-8RSU-C3BS-8F1G-CP3U-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

111. The ____ houses the blood vessels that join the embryo and its mother.

- a. umbilical cord
- b. amnion
- c. germ disc
- d. mesoderm

ANSWER: a
POINTS: 1
REFERENCES: 2.2 From Conception to Birth
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.2 - When do body structures and internal organs emerge in prenatal development?
KEYWORDS: Bloom's: Understand
DATE CREATED: 11/5/2014 5:48 AM
DATE MODIFIED: 11/5/2014 5:49 AM
QUESTION ID: JFND-GO4F-E3YU-ETKR
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJA-GBUD-OPMD-CW4U-CQB3-GWSU-QAMB-CRSS-NC3U-GOSU-QPMN-8RSS-KPJ1-GE3G-EC3O-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

112. The placenta

- a. directly connects the blood stream of the embryo to the blood stream of the mother.
- b. contains amniotic fluid.
- c. helps the fetus to maintain a constant temperature.
- d. allows for an exchange of nutrients and waste.

ANSWER: d
POINTS: 1
REFERENCES: 2.2 From Conception to Birth
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.2 - When do body structures and internal organs emerge in prenatal development?

KEYWORDS: Bloom's: Understand
DATE CREATED: 11/5/2014 5:49 AM
DATE MODIFIED: 11/5/2014 5:51 AM
QUESTION ID: JFND-GO4F-E3YU-ETJT
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMR-CWHD-K3BI-8Y3G-G3DF-CASU-1CUR-8YSU-G3J1-GOSU-KQDB-GOSS-NAMG-CI1D-KCJO-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

113. The fact that the embryonic head develops before the body illustrates the ____ principle.

- a. cephalocaudal
- b. incomplete dominance
- c. proximodistal
- d. niche-picking

ANSWER: a
POINTS: 1
REFERENCES: 2.2 From Conception to Birth
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.2 - When do body structures and internal organs emerge in prenatal development?
KEYWORDS: Bloom's: Thinking Critically
DATE CREATED: 11/5/2014 5:51 AM
DATE MODIFIED: 11/5/2014 5:53 AM
QUESTION ID: JFND-GO4F-E3YU-ETJS
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJI-CI1G-EA5N-CCAS-NPUD-CASS-EC3A-CRSU-KP3W-GOSU-1AJO-GCSS-KAMD-GBTS-G3MD-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

114. A doctor could best illustrate the proximodistal principle by discussing the fact that

- a. male fetuses develop faster than female fetuses.
- b. identical twins tend to be smaller than fraternal twins.
- c. the outside portion of the amniotic sac is thicker than the inside portion.
- d. a baby can control its shoulder before it can control its fingers.

ANSWER: d
POINTS: 1
REFERENCES: 2.2 From Conception to Birth
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.2 - When do body structures and internal organs emerge in prenatal development?
KEYWORDS: Bloom's: Apply
DATE CREATED: 11/5/2014 5:53 AM
DATE MODIFIED: 11/5/2014 5:54 AM
QUESTION ID: JFND-GO4F-E3YU-ET1B

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJS-GE4D-YAMD-CPTU-KAMB-CCSS-K3JA-CRSS-CP3A-GOSS-RQB3-GCSS-KQB1-GA5S-RPDD-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

115. During prenatal development, the arm develops before the fingers. This most illustrates the ____ principle.

- a. Premack
- b. coefficient
- c. cephalocaudal
- d. proximodistal

ANSWER: d

POINTS: 1

REFERENCES: 2.2 From Conception to Birth

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.2 - When do body structures and internal organs emerge in prenatal development?

KEYWORDS: Bloom's: Thinking Critically

DATE CREATED: 11/5/2014 5:55 AM

DATE MODIFIED: 11/5/2014 5:56 AM

QUESTION ID: JFND-GO4F-E3YU-ET1F

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJU-GC3D-EP5B-CIUG-RPB1-GOSU-OCTW-CESU-YPTO-GOSS-RP5B-COSS-EP5G-GT1D-YC5B-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

116. Which organism can truthfully state, "It is during my time that all body parts and organs are first put into place?"

- a. The neonate
- b. The zygote
- c. The fetus
- d. The embryo

ANSWER: d

POINTS: 1

REFERENCES: 2.2 From Conception to Birth

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.2 - When do body structures and internal organs emerge in prenatal development?

KEYWORDS: Bloom's: Thinking Critically

DATE CREATED: 11/5/2014 5:57 AM

DATE MODIFIED: 11/5/2014 5:58 AM

QUESTION ID: JFND-GO4F-E3YU-ETT1

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMN-CJ1S-N3UR-G7UD-NQMG-COSU-KA3S-CRSU-GP3Z-GOSU-KPJZ-CESU-YAMF-CA5S-RPBW-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

117. Marsha's doctor informs her that her child is just entering the longest period of prenatal development. About how long has Marsha been carrying her unborn child?

- a. 1 day
- b. 3 weeks
- c. 9 weeks
- d. 28 weeks

ANSWER: c

POINTS: 1

REFERENCES: 2.2 From Conception to Birth

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.3 - When do body systems begin to function well enough to support life?

KEYWORDS: Bloom's: Apply

DATE CREATED: 11/5/2014 5:59 AM

DATE MODIFIED: 11/5/2014 6:00 AM

QUESTION ID: JFND-GO4F-E3YU-ETTI

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMG-CITU-GAMD-G31U-YCUN-CASU-EPJU-8RSU-RCJI-GOSS-EAMD-GOSU-O3BI-GR4S-CP3W-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

118. Which event is characteristic of the period of the fetus?

- a. The first beat of the heart
- b. The first neural activity in the neocortex
- c. The significant growth in the cerebral cortex
- d. The attachment of the umbilical cord to the placenta

ANSWER: c

POINTS: 1

REFERENCES: 2.2 From Conception to Birth

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.3 - When do body systems begin to function well enough to support life?

KEYWORDS: Bloom's: Understand

DATE CREATED: 11/5/2014 6:01 AM

DATE MODIFIED: 11/5/2014 6:02 AM

QUESTION ID: JFND-GO4F-E3YU-EO4G

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJZ-G31G-RC3U-CWAD-YATZ-CESS-CA3W-CRSS-NCJ1-GOSU-Y3UF-GYSU-OP5D-C31D-OP31-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

119. The thick, greasy substance that covers the fetus around five to six months after conception is called

- a. placenta.

- b. vernix.
- c. amnion.
- d. endoderm.

ANSWER: b
POINTS: 1
REFERENCES: 2.2 From Conception to Birth
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.3 - When do body systems begin to function well enough to support life?
KEYWORDS: Bloom's: Understand
DATE CREATED: 11/5/2014 6:02 AM
DATE MODIFIED: 11/5/2014 6:04 AM
QUESTION ID: JFND-GO4F-E3YU-EO3U
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJU-CA5D-KCUD-GCAD-QPJ3-GHSS-RAMG-CRSU-1QDB-GOSU-RCTO-CRSU-QCTT-G7TU-OCJZ-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

120. Currently, the earliest “age of viability” occurs around _____ weeks after conception.

- a. 14
- b. 22
- c. 30
- d. 38

ANSWER: b
POINTS: 1
REFERENCES: 2.2 From Conception to Birth
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.3 - When do body systems begin to function well enough to support life?
KEYWORDS: Bloom's: Understand
DATE CREATED: 11/5/2014 6:04 AM
DATE MODIFIED: 11/5/2014 6:06 AM
QUESTION ID: JFND-GO4F-E3YU-EO3W
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMB-8FUD-OPT1-GOHG-RQBW-GASU-GCB3-CRSU-YCJO-GOSU-QQJS-GRSS-K3UG-G3TS-GPJS-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

121. Which best describes the main finding of a study in which pregnant mothers read the story *The Cat in the Hat*?

- a. Prior to birth, the fetus begins to mimic the sounds its mother makes.
- b. After birth, infants appeared to recognize the rhythm at which their mother has read a story.
- c. After birth, infants showed no reaction when they once again heard a story that had been read by their mother before they were born.
- d. After birth, infants who had been read to begin to speak at an earlier age than a control group who

has not been read to.

ANSWER: b
POINTS: 1
REFERENCES: 2.2 From Conception to Birth
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.3 - When do body systems begin to function well enough to support life?
KEYWORDS: Bloom's: Understand
DATE CREATED: 11/5/2014 6:06 AM
DATE MODIFIED: 11/5/2014 6:07 AM
QUESTION ID: JFND-GO4F-E3YU-ETBA
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJZ-8RAG-CCMF-GYAU-G3DF-GCSS-NP33-CESS-C3BU-GOSU-1CDF-GWSS-RCTS-GFOS-NCUB-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

122. Just after the birth of her son Nelly, mom Kelly is informed that little Nelly's neural tube did not properly close during his prenatal development. This would mean that Nelly will be diagnosed with

- a. spina bifida.
- b. muscular dystrophy.
- c. cerebral palsy.
- d. sickle-cell anemia.

ANSWER: a
POINTS: 1
REFERENCES: 2.3 Influences on Prenatal Development
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.3.1 - How is prenatal development influenced by a pregnant woman's age, her nutrition, and the stress she experiences while pregnant?
KEYWORDS: Bloom's: Apply
DATE CREATED: 11/5/2014 6:08 AM
DATE MODIFIED: 11/5/2014 6:09 AM
QUESTION ID: JFND-GO4F-E3YU-ETNG
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMR-CI1D-13UR-GH4D-NAJT-GYSU-NQMF-CRSU-NA3O-GOSU-1CUB-GRSS-NA3A-GYHU-RPBO-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

123. A knowledgeable nutritionist would tell a pregnant mother that in order to reduce the risk of having a baby born with spina bifida, mom needs to make sure that she is ingesting an adequate amount of

- a. vitamin A.
- b. iron.
- c. vitamin E.
- d. folic acid.

ANSWER: d
POINTS: 1

REFERENCES: 2.3 Influences on Prenatal Development
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.3.1 - How is prenatal development influenced by a pregnant woman's age, her nutrition, and the stress she experiences while pregnant?
KEYWORDS: Bloom's: Understand
DATE CREATED: 11/5/2014 6:10 AM
DATE MODIFIED: 11/5/2014 6:11 AM
QUESTION ID: JFND-GO4F-E3YU-ETNR
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJA-C3OU-EPJW-GY4D-GPT1-CRSS-GP5D-8RSU-CP5B-GOSS-CPUF-GYSU-CQDG-CW4U-EAMF-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

124. Maternal stress is most likely to negatively impact a developing embryo/fetus when that stress is

- intermittent and extreme.
- intermittent and moderate.
- chronic and extreme.
- chronic and moderate.

ANSWER: c
POINTS: 1
REFERENCES: 2.3 Influences on Prenatal Development
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.3.1 - How is prenatal development influenced by a pregnant woman's age, her nutrition, and the stress she experiences while pregnant?
KEYWORDS: Bloom's: Thinking Critically
DATE CREATED: 11/5/2014 6:11 AM
DATE MODIFIED: 11/5/2014 6:13 AM
QUESTION ID: JFND-GO4F-E3YU-ETB1
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMB-GO4D-13BA-G3TU-O3MR-GWSU-13JS-CESS-NCJ1-GOSU-YCUB-GHSU-E3UD-CF1G-G3T1-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

125. The main reason for why teenage mothers tend to give birth to less healthy infants than mothers in their 20s is that the teens

- The main reason for why teenage mothers tend to give birth to less healthy infants than mothers in their 20s is that the teens
- take too many vitamins.
- have more genetically defective eggs.
- are more likely to smoke while pregnant.

ANSWER: a
POINTS: 1
REFERENCES: 2.3 Influences on Prenatal Development
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.3.1 - How is prenatal development influenced by a pregnant woman's age, her nutrition, and the stress she experiences while pregnant?

KEYWORDS: Bloom's: Understand

DATE CREATED: 11/5/2014 6:13 AM

DATE MODIFIED: 11/5/2014 6:15 AM

QUESTION ID: JFND-GO4F-E3YU-ETBO

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJZ-8YHS-NP5B-GY4U-GC3O-CASU-EPJZ-CRSS-GCJI-GOSU-KAJW-CRSU-KAJZ-C31S-GA3I-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

126. Halley is 40 years old and she and her daughter Berry, 20, are both currently pregnant. Which statement with regard to these two mothers is most accurate?

- a. Berry has a greater risk of giving birth to a baby with sickle-cell anemia.
- b. Halley is twice as fertile as Berry.
- c. Berry's odds of having a baby with Down syndrome are threetimes higher than Halley's.
- d. Halley has a greater risk of having a miscarriage.

ANSWER: d

POINTS: 1

REFERENCES: 2.3 Influences on Prenatal Development

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.3.1 - How is prenatal development influenced by a pregnant woman's age, her nutrition, and the stress she experiences while pregnant?

KEYWORDS: Bloom's: Apply

DATE CREATED: 11/5/2014 7:06 AM

DATE MODIFIED: 11/5/2014 7:07 AM

QUESTION ID: JFND-GO4F-E3YU-ECJA

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJW-CR5U-QP5G-CT1G-ECTT-8YSU-OAJ3-8RSS-ECTS-GOSU-YPDD-GYSU-OPUF-GIOU-EPUB-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

127. A teratogen is any agent that

- a. results in abnormal prenatal development.
- b. enhances the flow of oxygen across the placental barrier.
- c. decreases the chances of having a child with a genetic disorder.
- d. inhibits the impact of drugs on the developing embryo.

ANSWER: a

POINTS: 1

REFERENCES: 2.3 Influences on Prenatal Development

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.3.2 - How do diseases, drugs, and environmental hazards sometimes affect prenatal development?

KEYWORDS: Bloom's: Understand

DATE CREATED: 11/5/2014 7:07 AM

DATE MODIFIED: 11/5/2014 7:08 AM
QUESTION ID: JFND-GO4F-E3YU-ECKF
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJI-COAS-RQJ1-GE3D-KPDG-CWSU-YAJS-8YSU-RCJ3-GOSS-RATT-CRSS-GQBI-GYAD-OC5G-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

128. Whose mother most likely took thalidomide while pregnant?

- a. Dean, who has a heart defect
- b. Martin, who has deformed arms and legs
- c. Jerry, who is deaf
- d. Lewis, who is severely mentally retarded

ANSWER: b
POINTS: 1
REFERENCES: 2.3 Influences on Prenatal Development
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.3.2 - How do diseases, drugs, and environmental hazards sometimes affect prenatal development?

KEYWORDS: Bloom's: Apply
DATE CREATED: 11/5/2014 7:08 AM
DATE MODIFIED: 11/5/2014 7:09 AM

QUESTION ID: JFND-GO4F-E3YU-ECJ1
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJA-CJTD-EPJO-CCAS-NP3T-CASU-QA3S-8YSU-QPJI-GOSU-ECUN-CRSU-YAJU-CPUD-KQDG-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

129. How many of the following are potential teratogens: aspirin, nicotine, cocaine, and caffeine?

- a. one
- b. two
- c. three
- d. four

ANSWER: d
POINTS: 1
REFERENCES: 2.3 Influences on Prenatal Development
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.3.2 - How do diseases, drugs, and environmental hazards sometimes affect prenatal development?

KEYWORDS: Bloom's: Apply
DATE CREATED: 11/5/2014 7:10 AM
DATE MODIFIED: 11/5/2014 7:10 AM

QUESTION ID: JFND-GO4F-E3YU-ECJO
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMD-GWHS-N3MF-GT1U-13JS-GOSU-RAJZ-8YSS-CC3W-GOSS-KCJO-CCSU-YCTT-GE3D-CPJW-E7JI-

130. What effect is *not* associated with fetal alcohol syndrome?

- a. Slow growth
- b. Retarded mental growth
- c. Blindness
- d. Misshapen face

ANSWER: c

POINTS: 1

REFERENCES: 2.3 Influences on Prenatal Development

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.3.2 - How do diseases, drugs, and environmental hazards sometimes affect prenatal development?

KEYWORDS: Bloom's: Understand

DATE CREATED: 11/5/2014 7:11 AM

DATE MODIFIED: 11/5/2014 7:12 AM

QUESTION ID: JFND-GO4F-E3YU-ECJI

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJI-CRHG-R3MF-8RHG-CQDN-GWSU-RCT3-8YSU-RAMF-GOSU-NATT-GASU-NQJI-GW4U-1CUF-E7JI-YT4D-JFNN-40TI-GO4W-NQNBEE

131. Bryant's teacher notices that Bryant has unusual facial features (i.e., short nose and wide-set eyes) and shows signs of mental retardation. Due to her training in developmental psychology, Bryant's teacher realizes that Bryant's mom likely ____ while she was pregnant.

- a. consumed alcohol
- b. injected heroin
- c. smoked marijuana
- d. consumed an excessive amount of caffeine

ANSWER: a

POINTS: 1

REFERENCES: 2.3 Influences on Prenatal Development

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.3.2 - How do diseases, drugs, and environmental hazards sometimes affect prenatal development?

KEYWORDS: Bloom's: Apply

DATE CREATED: 11/5/2014 7:12 AM

DATE MODIFIED: 11/5/2014 7:13 AM

QUESTION ID: JFND-GO4F-E3YU-EP1B

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJT-GR3D-OATU-GAHD-YPTU-GASU-CAJA-8YSS-GP5G-GOSU-E3JI-CASU-GPMB-CJ1U-QPBI-E7JI-YT4D-JFNN-40TI-GO4W-NQNBEE

132. A woman who consumes alcohol ____ has the greatest risk of giving birth to a baby with fetal alcohol

syndrome.

- a. lightly and sporadically
- b. moderately and sporadically
- c. lightly and consistently
- d. moderately and consistently

ANSWER: d

POINTS: 1

REFERENCES: 2.3 Influences on Prenatal Development

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.3.2 - How do diseases, drugs, and environmental hazards sometimes affect prenatal development?

KEYWORDS: Bloom's: Understand

DATE CREATED: 11/5/2014 7:13 AM

DATE MODIFIED: 11/5/2014 7:14 AM

QUESTION ID: JFND-GO4F-E3YU-EP1F

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJO-CW3U-C3TZ-GTOS-CQDB-GHSS-EPJT-8RSU-ECBA-GOSU-K3J1-GCSU-EP5F-GOAD-NCUR-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

133. Both AIDS and genital herpes

- a. can be passed along to an infant as it passes through the birth canal.
- b. typically result in blindness.
- c. cannot be transmitted to a fetus through the placenta.
- d. can be eliminated by maternal inoculation.

ANSWER: a

POINTS: 1

REFERENCES: 2.3 Influences on Prenatal Development

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.3.2 - How do diseases, drugs, and environmental hazards sometimes affect prenatal development?

KEYWORDS: Bloom's: Understand

DATE CREATED: 11/5/2014 7:15 AM

DATE MODIFIED: 11/5/2014 7:15 AM

QUESTION ID: JFND-GO4F-E3YU-EPTU

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMN-CF1S-KPMG-GPUG-NPDB-CESU-EPTT-CRSS-KCJW-GOSU-KPT1-GRSU-RCUF-GFTD-YQB3-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

134. Which statement concerning teratogens is *false*?

- a. They impact different genotypes differently.
- b. They impact specific aspects of development.
- c. Their effects may not emerge until later in life.

d. Their effects are the same regardless of the time when the individual is exposed.

ANSWER: d
POINTS: 1
REFERENCES: 2.3 Influences on Prenatal Development
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.3.2 - How do diseases, drugs, and environmental hazards sometimes affect prenatal development?
KEYWORDS: Bloom's: Thinking Critically
DATE CREATED: 11/5/2014 7:16 AM
DATE MODIFIED: 11/5/2014 7:17 AM
QUESTION ID: JFND-GO4F-E3YU-EPTT
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJI-8R5U-GP3I-CT1D-CCTW-GWSU-Q3DB-8RSU-CAJW-GOSS-KCDB-CESS-C3MF-GH3D-NCB1-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

135. The key lesson learned by the fact that thalidomide showed no impact when tested on prenatal rabbits but led to birth defects in prenatal humans is that

- a. teratogens impact different genotypes differently.
- b. teratogens impact specific aspects of development.
- c. teratogen effects may not emerge until later in life.
- d. teratogen effects are the same regardless of the time when the individual is exposed.

ANSWER: a
POINTS: 1
REFERENCES: 2.3 Influences on Prenatal Development
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.3.2 - How do diseases, drugs, and environmental hazards sometimes affect prenatal development?
KEYWORDS: Bloom's: Thinking Critically
DATE CREATED: 11/5/2014 7:17 AM
DATE MODIFIED: 11/5/2014 7:18 AM
QUESTION ID: JFND-GO4F-E3YU-EPTS
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMR-GE5U-GA3W-GWHU-YATT-COSU-K3DD-CRSS-ECBI-GOSU-O3JW-GWSU-G3JO-CW5G-G3JS-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

136. What was the most critical lesson about teratogens learned from studies on the use of the drug DES by pregnant women?

- a. Sometimes what appear to be teratogens actually are harmless drugs.
- b. Infants in the late fetal period appear to be the most at risk for impact from drug-related teratogens.
- c. Sometimes the effects of teratogens are not apparent until long after exposure.
- d. Females appear to be at much greater risk from teratogens.

ANSWER: c
POINTS: 1

REFERENCES: 2.3 Influences on Prenatal Development
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.3.3 - What general principles affect the ways that prenatal development can be harmed?
KEYWORDS: Bloom's: Thinking Critically
DATE CREATED: 11/5/2014 7:19 AM
DATE MODIFIED: 11/5/2014 7:21 AM
QUESTION ID: JFND-GO4F-E3YU-EPTW
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMD-GW5D-CPJZ-CPTD-N3BS-GRSU-EC5B-8YSU-OQDB-GOSS-CQJI-GASU-GC3Z-GA4G-CQDN-E7JI-YT4D-JFNN-4OTI-GO4W-NQN BEE

137. Exposure to a teratogen during the ____ period is most likely to result in a spontaneous abortion.

- a. implantation
- b. zygotic
- c. embryonic
- d. fetal

ANSWER: b
POINTS: 1
REFERENCES: 2.3 Influences on Prenatal Development
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.3.3 - What general principles affect the ways that prenatal development can be harmed?
KEYWORDS: Bloom's: Understand
DATE CREATED: 11/5/2014 7:22 AM
DATE MODIFIED: 11/5/2014 7:23 AM
QUESTION ID: JFND-GO4F-E3YU-EP4B
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMD-CJ1D-QAJA-CO3G-GAUB-GYSU-EPB3-CESS-RPJO-GOSS-R3UB-CASS-ECTZ-8R4U-OAMG-E7JI-YT4D-JFNN-4OTI-GO4W-NQN BEE

138. As there is a history of hereditary disease in the families of Archie and Veronica, they have arranged a meeting with a specialist at which a family tree concerning the odds of them having a child with a birth defect will be constructed. This event would most accurately be described as

- a. amniocentesis.
- b. chorionic villus sampling.
- c. teratogenic.
- d. genetic counseling.

ANSWER: d
POINTS: 1
REFERENCES: 2.3 Influences on Prenatal Development
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.3.4 - How can prenatal development be monitored? Can abnormal prenatal development be corrected?

KEYWORDS: Bloom's: Apply

DATE CREATED: 11/5/2014 7:23 AM

DATE MODIFIED: 11/5/2014 7:24 AM

QUESTION ID: JFND-GO4F-E3YU-EP4F

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJS-GEAU-EPUB-8RHD-EATI-CRSS-KCBU-CRSU-R3MF-GOSU-CAMR-GWSU-O3UG-CA5U-EAJI-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

139. Claire is very concerned about the prebirth position of the child she is carrying. Which technique would be the best for determining whether Claire's concerns are warranted?

- a. Genetic counseling
- b. Ultrasound
- c. Chorionic villus sampling
- d. Amniocentesis

ANSWER: b

POINTS: 1

REFERENCES: 2.3 Influences on Prenatal Development

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.3.4 - How can prenatal development be monitored? Can abnormal prenatal development be corrected?

KEYWORDS: Bloom's: Apply

DATE CREATED: 11/5/2014 7:25 AM

DATE MODIFIED: 11/5/2014 7:26 AM

QUESTION ID: JFND-GO4F-E3YU-EP3U

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJO-GTTG-EA31-GOAG-KA3I-CCSU-OAT3-CRSU-YPTW-GOSU-GQDD-GESU-1CJS-GRAD-GQBZ-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

140. Which prenatal assessment technique results in a picture of the fetus?

- a. Genetic screening
- b. Ultrasound
- c. Chorionic villus sampling
- d. Amniocentesis

ANSWER: b

POINTS: 1

REFERENCES: 2.3 Influences on Prenatal Development

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.3.4 - How can prenatal development be monitored? Can abnormal prenatal development be corrected?

KEYWORDS: Bloom's: Understand

DATE CREATED: 11/5/2014 7:30 AM

DATE MODIFIED: 11/5/2014 7:31 AM
QUESTION ID: JFND-GO4F-E3YU-EPNN
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJA-CO5D-GPJW-GIUD-KCT1-GASS-GAJZ-8YSS-CCMB-GOSS-NCB1-CCSU-KPDG-CR4D-Y3BO-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

141. The sample taken during an amniocentesis comes from
- the lining of the uterus.
 - inside the body of the fetus.
 - the fluid surrounding the fetus.
 - the umbilical cord.

ANSWER: c
POINTS: 1
REFERENCES: 2.3 Influences on Prenatal Development
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.3.4 - How can prenatal development be monitored? Can abnormal prenatal development be corrected?

KEYWORDS: Bloom's: Understand

DATE CREATED: 11/6/2014 1:41 AM

DATE MODIFIED: 11/6/2014 1:42 AM

QUESTION ID: JFND-GO4F-E3BD-GC3S

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMR-GEHG-C3DF-GHAG-GAT1-GYSS-CPUD-8RSU-R3DR-GOSU-KAJ1-GWSS-GPBS-GFUD-RCDB-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

142. Regan is a medical student who is learning a procedure in which a long needle is inserted into the abdomen of a pregnant woman. What technique is he most likely learning?
- Genetic counseling
 - Amniocentesis
 - Chorionic villus sampling
 - Ultrasound

ANSWER: b
POINTS: 1
REFERENCES: 2.3 Influences on Prenatal Development
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.3.4 - How can prenatal development be monitored? Can abnormal prenatal development be corrected?

KEYWORDS: Bloom's: Apply

DATE CREATED: 11/6/2014 1:42 AM

DATE MODIFIED: 11/6/2014 1:43 AM

QUESTION ID: JFND-GO4F-E3BD-GC3W

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJO-GC4G-E3UB-8Y5U-

143. Mia and her doctor need to know as quickly as possible (hopefully within 24 hours) whether the child she has been carrying for only nine weeks possesses any genetic abnormalities. Which technique is Mia's doctor most likely to employ?

- a. Chorionic villus sampling
- b. Ultrasound
- c. Amniocentesis
- d. Genetic counseling

ANSWER: a

POINTS: 1

REFERENCES: 2.3 Influences on Prenatal Development

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.3.4 - How can prenatal development be monitored? Can abnormal prenatal development be corrected?

KEYWORDS: Bloom's: Apply

DATE CREATED: 11/6/2014 1:43 AM

DATE MODIFIED: 11/6/2014 1:44 AM

QUESTION ID: JFND-GO4F-E3BD-GCNN

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJA-CA5S-KPJS-GE3D-EA5D-CRSU-NC33-8YSS-KQMD-GOSU-13TU-CWSU-OPB1-GHHD-QP5N-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

144. Troy is very interested in the field of fetal medicine. Given this, he would most likely be fascinated by a book titled

- a. *Afterbirth Care and You.*
- b. *The Benefits of Healthy Eating Before Pregnancy.*
- c. *Fixing Birth Defects Before Birth.*
- d. *The Importance of Childhood Inoculations.*

ANSWER: c

POINTS: 1

REFERENCES: 2.3 Influences on Prenatal Development

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.3.4 - How can prenatal development be monitored? Can abnormal prenatal development be corrected?

KEYWORDS: Bloom's: Apply

DATE CREATED: 11/6/2014 1:44 AM

DATE MODIFIED: 11/6/2014 1:46 AM

QUESTION ID: JFND-GO4F-E3BD-GCBA

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMG-GITG-E3DG-GA3G-GCJU-CASS-RP3O-CRSU-N3MB-GOSU-NA33-GCSS-GA5D-CO3S-CQBS-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

145. Physicians are currently able to correct spina bifida at around the seventh or eighth month of pregnancy using

- a. genetic engineering.
- b. fetal surgery.
- c. chorionic villus sampling.
- d. ultrasound.

ANSWER: b

POINTS: 1

REFERENCES: 2.3 Influences on Prenatal Development

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.3.4 - How can prenatal development be monitored? Can abnormal prenatal development be corrected?

KEYWORDS: Bloom's: Understand

DATE CREATED: 11/6/2014 1:46 AM

DATE MODIFIED: 11/6/2014 1:47 AM

QUESTION ID: JFND-GO4F-E3BD-GCBU

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJA-GC5U-K3MB-CFTU-NCTW-GOSS-CPJT-CESU-RCDG-GOSU-OQB1-8RSU-KATO-G7TD-K3BU-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

146. The process in which defective cells in the body are replaced with cells that have had the genetic defect "repaired" is called

- a. amniocentesis.
- b. genetic engineering.
- c. genetic screening.
- d. niche-picking.

ANSWER: b

POINTS: 1

REFERENCES: 2.3 Influences on Prenatal Development

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.3.4 - How can prenatal development be monitored? Can abnormal prenatal development be corrected?

KEYWORDS: Bloom's: Understand

DATE CREATED: 11/6/2014 1:47 AM

DATE MODIFIED: 11/6/2014 1:48 AM

QUESTION ID: JFND-GO4F-E3BD-GCB1

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJW-C3OU-OPB1-8YHU-G3UN-GRSU-QCBZ-CESU-NPMB-GOSS-E3B1-8YSU-1ATT-CAAU-1CB3-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

147. Because it involves prolonged physical effort, the process of childbirth is often referred to as involving stages of

- a. labor.
- b. parturition.
- c. travail.
- d. pursuit.

ANSWER: a
POINTS: 1
REFERENCES: 2.4 Labor and Delivery
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.4.1 - What are the different phases of labor and delivery?
KEYWORDS: Bloom's: Thinking Critically
DATE CREATED: 11/6/2014 1:49 AM
DATE MODIFIED: 11/6/2014 1:49 AM
QUESTION ID: JFND-GO4F-E3BD-GCBZ
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMF-GE3S-N3J1-CI1U-QPJ1-GCSU-NAUG-CESU-GCDF-GOSU-Q3MB-GHSU-CPBU-8BOS-EAMF-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

148. By the time Debbie got to the hospital to deliver her child, the child had entered the vaginal opening. This means that Debbie was in the _____ stage of labor.

- a. first
- b. second
- c. third
- d. fourth

ANSWER: b
POINTS: 1
REFERENCES: 2.4 Labor and Delivery
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.4.1 - What are the different phases of labor and delivery?
KEYWORDS: Bloom's: Apply
DATE CREATED: 11/6/2014 1:50 AM
DATE MODIFIED: 11/6/2014 1:50 AM
QUESTION ID: JFND-GO4F-E3BD-GCBS
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMN-CJTS-E3JU-CFTS-GP3T-GCSS-K3T1-8RSU-YCDR-GOSS-CP3Z-GESU-RCUF-CWAG-ECMD-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

149. When her physician mentions the term “crowning,” Erica, who is giving birth, should realize that means that her

- a. cervix has just fully dilated.
- b. uterine contractions are about to start.
- c. baby's head has just reached the vaginal opening.
- d. placenta is about to be delivered.

ANSWER: c
POINTS: 1
REFERENCES: 2.4 Labor and Delivery
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.4.1 - What are the different phases of labor and delivery?
KEYWORDS: Bloom's: Apply
DATE CREATED: 11/6/2014 1:55 AM
DATE MODIFIED: 11/6/2014 1:55 AM
QUESTION ID: JFND-GO4F-E3BD-GCJ3
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJI-GJOU-YA3Z-CR4U-1CBA-CWSS-GCBA-CESU-NPTI-GOSS-RATZ-CASU-QPMF-CAAS-G3MG-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

150. What is expelled during afterbirth?

- a. Fetus
- b. Placenta
- c. Cervix
- d. Ova

ANSWER: b
POINTS: 1
REFERENCES: 2.4 Labor and Delivery
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.4.1 - What are the different phases of labor and delivery?
KEYWORDS: Bloom's: Understand
DATE CREATED: 11/6/2014 1:56 AM
DATE MODIFIED: 11/6/2014 1:56 AM
QUESTION ID: JFND-GO4F-E3BD-GCKG
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMN-GJ1S-C3J1-CRAD-13BW-GYSS-RC3U-8YSS-GAJZ-GOSU-Q3B3-GOSU-RQJO-GWHU-YQBI-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

151. Wilma is afraid of the pain involved in delivering her baby. Are childbirth classes likely to help her?

- a. Yes, because women who take these courses report experiencing less pain than women who don't.
- b. Yes, because women who take these courses qualify for painkilling medications they would not usually receive.
- c. No, because childbirth courses only make people more knowledgeable about the birthing process and can have no effect on pain.
- d. No, because individuals who know most about the birthing process experience the most pain.

ANSWER: a
POINTS: 1
REFERENCES: 2.4 Labor and Delivery
QUESTION TYPE: Multiple Choice

HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.4.2 - What are “natural” ways of coping with the pain of childbirth? Is childbirth at home safe?
KEYWORDS: Bloom’s: Apply
DATE CREATED: 11/6/2014 1:57 AM
DATE MODIFIED: 11/6/2014 1:58 AM
QUESTION ID: JFND-GO4F-E3BD-GCKR
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMD-CCAG-K3MD-8FTD-OP5F-GWSU-E3TI-CESS-KPDF-GOSU-NP3T-GASU-OATO-GO5G-GP3I-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

152. Which is *not* a typical childbirth class technique for reducing the pain associated with delivery?
- Teach deep breathing to reduce muscle tension.
 - Teach visual imagery focusing on pleasant scenes or experiences.
 - Teach a “coach” to attend to mother and help her cope with pain.
 - Teach that medications have no place in the delivery room.

ANSWER: d
POINTS: 1
REFERENCES: 2.4 Labor and Delivery
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.4.2 - What are “natural” ways of coping with the pain of childbirth? Is childbirth at home safe?
KEYWORDS: Bloom’s: Thinking Critically
DATE CREATED: 11/6/2014 1:58 AM
DATE MODIFIED: 11/6/2014 1:58 AM
QUESTION ID: JFND-GO4F-E3BD-GCJU
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMD-GCHD-Y3JO-CE5U-Q3TI-COSU-YCTW-CESU-O3TU-GOSS-GC3A-CESS-EPB1-CA4S-RPUG-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

153. For healthy pregnant women,
- home delivery can feel more relaxing than hospital delivery.
 - hospital delivery is safer than home delivery.
 - home delivery is safer than hospital delivery.
 - the home delivery versus hospital delivery risk factors are unknown.

ANSWER: a
POINTS: 1
REFERENCES: 2.4 Labor and Delivery
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.4.2 - What are “natural” ways of coping with the pain of childbirth? Is childbirth at home safe?
KEYWORDS: Bloom’s: Understand
DATE CREATED: 11/6/2014 1:59 AM

DATE MODIFIED: 11/6/2014 1:59 AM
QUESTION ID: JFND-GO4F-E3BD-GCJO
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJA-8Y4U-KCUG-CJ1D-OC5G-CCSS-GC3T-8RSS-GQBZ-GOSU-CCUB-CCSS-KCTO-GRHD-GPDB-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

154. Postpartum depression

- a. occurs in about 50 percent of new mothers.
- b. is more common following planned pregnancies than unplanned pregnancies.
- c. is a purely psychological phenomenon (i.e., has no physiological basis).
- d. may be reduced via breast-feeding.

ANSWER: d
POINTS: 1
REFERENCES: 2.4 Labor and Delivery
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.4.3 - What adjustments do parents face after a baby's birth?
KEYWORDS: Bloom's: Understand
DATE CREATED: 11/6/2014 2:00 AM
DATE MODIFIED: 11/6/2014 2:00 AM
QUESTION ID: JFND-GO4F-E3BD-GCJI
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJI-GBUD-QP3Z-GHAG-GQJT-GHSU-R3TZ-CESU-YCBZ-GOSU-CA3S-GCSS-RPMB-CC3S-CPJI-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

155. After learning that his newborn son's birth involved hypoxia, Sven (a knowledgeable nurse) would most likely ask,

- a. "How long until my wife's scar heals?"
- b. "How long was the cord wrapped around his neck?"
- c. "Did the cervix ever dilate?"
- d. "Is such a premature birth normal?"

ANSWER: b
POINTS: 1
REFERENCES: 2.4 Labor and Delivery
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.4.4 - What are some complications that can occur during birth?
KEYWORDS: Bloom's: Apply
DATE CREATED: 11/6/2014 2:01 AM
DATE MODIFIED: 11/6/2014 2:02 AM
QUESTION ID: JFND-GO4F-E3BD-GPT3
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJI-GC3U-KATI-CRHU-K3T1-CCSS-NAUD-8RSU-QPMN-GOSU-YPMF-GHSS-K3J3-CAAU-YP3U-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

156. How is a physician most likely to guard against fetal hypoxia?

- a. Monitor the fetus's heart rate.
- b. Avoid exposing the fetus to tainted blood.
- c. Encourage the mother to deliver vaginally.
- d. Conduct a genetic screen of the parents.

ANSWER: a

POINTS: 1

REFERENCES: 2.4 Labor and Delivery

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.4.4 - What are some complications that can occur during birth?

KEYWORDS: Bloom's: Understand

DATE CREATED: 11/6/2014 2:02 AM

DATE MODIFIED: 11/6/2014 2:03 AM

QUESTION ID: JFND-GO4F-E3BD-GP1G

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMN-CPTS-EQMG-CE5D-OAMB-GYSS-RPUG-CRSU-NPTS-GOSU-1QJW-CESU-OATI-COAU-CPJS-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

157. A Cesarean section is best thought of as

- a. vaginal childbirth.
- b. a technique for determining possible birth defects in an embryo.
- c. a common form of teratogen.
- d. the surgical removal of a fetus.

ANSWER: d

POINTS: 1

REFERENCES: 2.4 Labor and Delivery

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.4.4 - What are some complications that can occur during birth?

KEYWORDS: Bloom's: Understand

DATE CREATED: 11/6/2014 2:03 AM

DATE MODIFIED: 11/6/2014 2:04 AM

QUESTION ID: JFND-GO4F-E3BD-GP1R

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMD-GWAU-GA3T-8FTD-R3UG-GRSU-QCUD-CRSU-EPTS-GOSS-CCTA-8YSU-C3T1-CCAU-RCT3-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

158. Mona has decided to have a Cesarean section rather than a vaginal delivery. While this decision will reduce some risks, it will increase the risk of

- a. hypoxia.
- b. spina bifida.
- c. maternal infection.

d. low birth weight.

ANSWER: c
POINTS: 1
REFERENCES: 2.4 Labor and Delivery
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.4.4 - What are some complications that can occur during birth?
KEYWORDS: Bloom's: Apply
DATE CREATED: 11/6/2014 2:04 AM
DATE MODIFIED: 11/6/2014 2:05 AM
QUESTION ID: JFND-GO4F-E3BD-GPTT
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJZ-GYHU-GCJT-C3OS-E3MF-GRSU-YC3Z-8YSU-N3TA-GOSU-1AJ1-GYSU-RP3S-GRAD-CP3W-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

159. By definition, premature infants are born prior to ____ weeks after conception.

- a. 42
- b. 40
- c. 38
- d. 36

ANSWER: d
POINTS: 1
REFERENCES: 2.4 Labor and Delivery
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.4.4 - What are some complications that can occur during birth?
KEYWORDS: Bloom's: Understand
DATE CREATED: 11/6/2014 2:05 AM
DATE MODIFIED: 11/6/2014 2:05 AM
QUESTION ID: JFND-GO4F-E3BD-GPTZ
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMB-COAU-RPJU-GH4G-CPJ1-GRSS-GATS-8YSS-KQDG-GOSS-GPJ3-GYSS-EPUR-CE3G-CAJI-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

160. The cutoff between normal and low birth weight is about ____ pounds.

- a. 7.7
- b. 5.5
- c. 3.3
- d. 2.2

ANSWER: b
POINTS: 1
REFERENCES: 2.4 Labor and Delivery
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.4.4 - What are some complications that can occur during birth?

KEYWORDS: Bloom's: Understand
DATE CREATED: 11/6/2014 2:05 AM
DATE MODIFIED: 11/6/2014 2:06 AM
QUESTION ID: JFND-GO4F-E3BD-GPTI
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJS-GT1U-1PBA-CRHD-E3DG-CASS-RCBT-CESU-1PBI-GOSS-C3UR-GCSU-GQBW-GO5G-G3BI-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

161. Because her birth weight was 1200 grams (about 3 pounds), Kia would be correctly classified as having a(n) _____ birth weight.

- a. normal
- b. low
- c. very low
- d. extremely low

ANSWER: c
POINTS: 1
REFERENCES: 2.4 Labor and Delivery
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.4.4 - What are some complications that can occur during birth?
KEYWORDS: Bloom's: Apply
DATE CREATED: 11/6/2014 2:06 AM
DATE MODIFIED: 11/6/2014 2:07 AM
QUESTION ID: JFND-GO4F-E3BD-GP4B
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJ3-GB1U-1AUB-8Y5D-GATI-GWSS-E3MG-CRSS-N3TS-GOSU-YCTW-GWSU-QCBT-GE3U-ECUD-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

162. Born 39 weeks after conception, Sasha weighs in at around 2 pounds. Given this information, Sasha is best defined as

- a. full-term and normal birth weight.
- b. preterm and normal birth weight.
- c. preterm and very low birth weight.
- d. full-term and extremely low birth weight.

ANSWER: d
POINTS: 1
REFERENCES: 2.4 Labor and Delivery
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.4.4 - What are some complications that can occur during birth?
KEYWORDS: Bloom's: Apply
DATE CREATED: 11/6/2014 2:07 AM
DATE MODIFIED: 11/6/2014 2:08 AM
QUESTION ID: JFND-GO4F-E3BD-GP4G

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJO-CITD-RATI-GR5D-KAMD-CESS-RPTI-CRSU-R3TS-GOSS-RCT3-GYSU-KA5B-GCAD-RAUG-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

163. Jamal was born 34 weeks after he was conceived and weighed 6 pounds. Jamal is best described as

- a. full-term and normal birth weight.
- b. preterm and normal birth weight.
- c. full-term and low birth weight.
- d. preterm and low birth weight.

ANSWER: b
POINTS: 1
REFERENCES: 2.4 Labor and Delivery
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.4.4 - What are some complications that can occur during birth?
KEYWORDS: Bloom's: Apply
DATE CREATED: 11/6/2014 2:08 AM
DATE MODIFIED: 11/6/2014 2:09 AM
QUESTION ID: JFND-GO4F-E3BD-GP31

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJ1-GYAD-1CDF-CC5D-Y3UG-CESU-R3DF-CESU-1CDB-GOSU-GPBA-8RSS-E3J3-CR3D-NPDF-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

164. Longitudinal research on Hawaiian children indicated that problems associated with low birth weight

- a. were typically lifelong.
- b. had no impact on social or cognitive abilities.
- c. were only found in males.
- d. could be overcome if the child was raised in a stable family environment.

ANSWER: d
POINTS: 1
REFERENCES: 2.4 Labor and Delivery
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.4.4 - What are some complications that can occur during birth?
KEYWORDS: Bloom's: Understand
DATE CREATED: 11/6/2014 2:09 AM
DATE MODIFIED: 11/6/2014 2:10 AM
QUESTION ID: JFND-GO4F-E3BD-GP3T

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJI-GE3U-YC5N-CPTS-CCBU-GCSU-CCDB-8YSS-C3JA-GOSU-KPDG-CRSU-GAUD-8Y4S-GPJW-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

165. Infant mortality rate is defined as the percentage of infants who die

- a. before birth.

- b. during birth.
- c. before their first birthday.
- d. before their second birthday.

ANSWER: c
POINTS: 1
REFERENCES: 2.4 Labor and Delivery
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.4.5 - What contributes to infant mortality in developed and least developed countries?
KEYWORDS: Bloom's: Understand
DATE CREATED: 11/6/2014 2:10 AM
DATE MODIFIED: 11/6/2014 2:11 AM
QUESTION ID: JFND-GO4F-E3BD-GP3Z
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJU-GY4G-GAJ1-GE4G-G3MD-GASU-O3UR-8RSS-KPTS-GOSU-Y3DB-GCSU-KCJW-GWHU-ECTZ-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

166. Which parent should most realistically fear her child dying before reaching their first birthday?
- a. Alfie, who is in Afghanistan
 - b. Charleene, who is in the CzechRepublic
 - c. Fran, who is in Finland
 - d. Jen, who is in Japan

ANSWER: a
POINTS: 1
REFERENCES: 2.4 Labor and Delivery
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.4.5 - What contributes to infant mortality in developed and least developed countries?
KEYWORDS: Bloom's: Apply
DATE CREATED: 11/6/2014 2:11 AM
DATE MODIFIED: 11/6/2014 2:12 AM
QUESTION ID: JFND-GO4F-E3BD-GP3I
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJZ-CFUD-CC3S-CF1G-NPJU-CWSU-RCMG-8RSS-KQJ3-GOSS-E3TT-8RSS-EPDF-GHHD-Q3DN-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

167. Low birth weight can most effectively be prevented through
- a. regular prenatal care.
 - b. avoiding teratogens.
 - c. maternal inoculations.
 - d. chorionic villus sampling.

ANSWER: a

POINTS: 1
REFERENCES: 2.4 Labor and Delivery
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.4.5 - What contributes to infant mortality in developed and least developed countries?
KEYWORDS: Bloom's: Understand
DATE CREATED: 11/6/2014 2:12 AM
DATE MODIFIED: 11/6/2014 2:13 AM
QUESTION ID: JFND-GO4F-E3BD-GPB3
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMR-CAHU-O3DF-GA3G-GA5R-GRSU-CQMN-CRSU-ECTT-GOSS-GP5F-CRSS-NC5B-CRAU-G3T1-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

Completion

168. The first 22 pairs of chromosomes are called _____.

ANSWER: autosomes
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: Completion
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.1 - What are chromosomes and genes? How do they carry hereditary information from one generation to the next?
KEYWORDS: Bloom's: Understand
DATE CREATED: 11/6/2014 4:23 AM
DATE MODIFIED: 11/6/2014 4:25 AM
QUESTION ID: JFND-GO4F-E3BD-ETBW
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJT-CE5S-CAJS-G31S-EP5D-GYSS-EP5R-CRSS-RCBA-GOSU-Q3BU-CASS-RP3T-8FTD-EPJ1-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

169. DNA is short for _____ acid.

ANSWER: deoxyribonucleic
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: Completion
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.1 - What are chromosomes and genes? How do they carry hereditary information from one generation to the next?
KEYWORDS: Bloom's: Understand
DATE CREATED: 11/6/2014 4:25 AM
DATE MODIFIED: 11/6/2014 4:26 AM
QUESTION ID: JFND-GO4F-E3BD-ECTU
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-

4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMF-GC3U-OQJU-GPUD-
QAJI-GRSU-OQMG-CESU-QPJS-GOSU-O3JA-CRSU-NQDG-8R5D-KQMN-E7JI-
YT4D-JFNN-4OTI-GO4W-NQNBEE

170. When each member of a pair of alleles produces a different outcome, the alleles are classified as _____.

ANSWER: heterozygous

POINTS: 1

REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes

QUESTION TYPE: Completion

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.1 - What are chromosomes and genes? How do they carry hereditary information from one generation to the next?

KEYWORDS: Bloom's: Understand

DATE CREATED: 11/6/2014 4:27 AM

DATE MODIFIED: 11/6/2014 4:28 AM

QUESTION ID: JFND-GO4F-E3BD-ECTO

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMN-GYHU-EC3U-GO4U-GPBT-GASU-GC5G-CESU-Y3UR-GOSU-O3BZ-GRSU-GCTZ-8R3S-GCJU-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

171. A(n) _____ allele is ignored when it is combined with a dominant allele.

ANSWER: recessive

POINTS: 1

REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes

QUESTION TYPE: Completion

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.1 - What are chromosomes and genes? How do they carry hereditary information from one generation to the next?

KEYWORDS: Bloom's: Understand

DATE CREATED: 11/6/2014 4:28 AM

DATE MODIFIED: 11/6/2014 4:29 AM

QUESTION ID: JFND-GO4F-E3BD-ECTS

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJA-GB1D-OC33-GJOS-RCB3-GWSU-KPTO-8RSU-YA5N-GOSS-N3BU-8YSU-YATU-CO4G-GCDF-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

172. An individual with phenylketonuria is born without a key _____ enzyme required for normal development.

ANSWER: liver

POINTS: 1

REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes

QUESTION TYPE: Completion

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.2 - What are common problems involving chromosomes, and what are their consequences?

KEYWORDS: Bloom's: Understand
DATE CREATED: 11/6/2014 4:30 AM
DATE MODIFIED: 11/6/2014 4:30 AM
QUESTION ID: JFND-GO4F-E3BD-EC4N
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJA-GW3D-EA5B-CIOS-KQJ1-8RSS-KPMN-8YSU-NPMD-GOSU-CPJI-CCSS-CA5D-8YHG-KA33-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

173. Fraternal twins are also called _____ twins.

ANSWER: dizygotic
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: Completion
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.2 - What are common problems involving chromosomes, and what are their consequences?

KEYWORDS: Bloom's: Understand
DATE CREATED: 11/6/2014 4:31 AM
DATE MODIFIED: 11/6/2014 4:32 AM
QUESTION ID: JFND-GO4F-E3BD-EC33
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJ1-G3TG-KCJ3-GIUD-1AJS-GYSU-1CJO-CRSU-Q3UF-GOSU-OCJU-GYSS-ECUF-GB1S-CAJ3-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

174. When a child deliberately seeks an environment that fits his or her heredity, the child is engaging in _____.

ANSWER: niche-picking
POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: Completion
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.3 - How is children's heredity influenced by the environment in which they grow up?

KEYWORDS: Bloom's: Understand
DATE CREATED: 11/6/2014 4:32 AM
DATE MODIFIED: 11/6/2014 4:33 AM
QUESTION ID: JFND-GO4F-E3BD-EC4G
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJI-GTUG-NQMF-GFTS-RATU-COSU-Q3MB-CRSU-GA3I-GOSU-G3TU-CASU-NPBW-GO3U-OPJ3-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

175. The portion of the zygote that will eventually develop into the baby is called the _____.

ANSWER: germ disc
POINTS: 1
REFERENCES: 2.2 From Conception to Birth

QUESTION TYPE: Completion
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.1 - What happens to a fertilized egg in the first two weeks after conception?
KEYWORDS: Bloom's: Understand
DATE CREATED: 11/6/2014 4:33 AM
DATE MODIFIED: 11/6/2014 4:34 AM
QUESTION ID: JFND-GO4F-E3BD-EC4R
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJZ-GR4S-G3UD-GH4G-GA5N-GESS-RPBI-CESS-KAMN-GOSU-YP5F-GCSU-YPJS-CEHU-ECBA-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

176. The _____ layer of the zygote forms the digestive system and lungs.

ANSWER: endoderm
POINTS: 1
REFERENCES: 2.2 From Conception to Birth
QUESTION TYPE: Completion
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.1 - What happens to a fertilized egg in the first two weeks after conception?
KEYWORDS: Bloom's: Understand
DATE CREATED: 11/6/2014 4:35 AM
DATE MODIFIED: 11/6/2014 4:35 AM
QUESTION ID: JFND-GO4F-E3BD-EC3Z
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJW-G7UD-1CT3-GRAS-RPJU-GESS-R3UB-8YSS-C3JW-GOSU-13MG-GCSS-NP3O-GH3G-EP3I-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

177. The _____ is designed to cushion the developing embryo and to help it maintain a constant temperature.

ANSWER: amniotic fluid
POINTS: 1
REFERENCES: 2.2 From Conception to Birth
QUESTION TYPE: Completion
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.2 - When do body structures and internal organs emerge in prenatal development?
KEYWORDS: Bloom's: Understand
DATE CREATED: 11/6/2014 4:36 AM
DATE MODIFIED: 11/6/2014 4:37 AM
QUESTION ID: JFND-GO4F-E3BD-ECB3
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJ1-8R4D-CPDG-GPOS-NPDF-GYSU-KCUF-CRSU-OCJI-GOSS-R3J1-COSU-R3TU-8R3S-NP5D-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

178. The point at which a fetus has a chance to survive if it were to be born is called the age of _____.

ANSWER: viability

POINTS: 1

REFERENCES: 2.2 From Conception to Birth

QUESTION TYPE: Completion

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.3 - When do body systems begin to function well enough to support life?

KEYWORDS: Bloom's: Understand

DATE CREATED: 11/6/2014 4:37 AM

DATE MODIFIED: 11/6/2014 4:38 AM

QUESTION ID: JFND-GO4F-E3BD-ECNG

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMB-GHHS-RA33-CRAU-EPUG-CASS-R3MG-8RSU-KATA-GOSU-CP3U-GWSU-QAJS-CTOS-CPTU-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

179. Any substance that causes abnormal prenatal development is classified as a(n) _____.

ANSWER: teratogen

POINTS: 1

REFERENCES: 2.3 Influences on Prenatal Development

QUESTION TYPE: Completion

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.3.2 - How do diseases, drugs, and environmental hazards sometimes affect prenatal development?

KEYWORDS: Bloom's: Understand

DATE CREATED: 11/6/2014 4:39 AM

DATE MODIFIED: 11/6/2014 4:40 AM

QUESTION ID: JFND-GO4F-E3BD-ECNR

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMB-CR3D-GCB3-GYAU-RPTW-CASS-EPJW-8RSS-R3BO-GOSU-C3TS-COSS-NAMG-8RHG-GCB3-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

180. _____ sampling is a procedure in which a tissue sample is taken from the placenta.

ANSWER: Chorionic villus

POINTS: 1

REFERENCES: 2.3 Influences on Prenatal Development

QUESTION TYPE: Completion

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.3.4 - How can prenatal development be monitored? Can abnormal prenatal development be corrected?

KEYWORDS: Bloom's: Understand

DATE CREATED: 11/6/2014 4:40 AM

DATE MODIFIED: 11/6/2014 4:41 AM

QUESTION ID: JFND-GO4F-E3BD-ECB1

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-

4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJZ-GC3D-C3TT-GYAD-GPBU-CRSU-1AUB-CRSU-Y3DG-GOSS-CQJ3-GWSU-OATU-8Y3S-G3UN-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

181. The moment at which the baby's head first appears at the vaginal opening during birth is called _____.

ANSWER: crowning
POINTS: 1
REFERENCES: 2.4 Labor and Delivery
QUESTION TYPE: Completion
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.4.1 - What are the different phases of labor and delivery?
KEYWORDS: Bloom's: Understand
DATE CREATED: 11/6/2014 4:42 AM
DATE MODIFIED: 11/6/2014 4:42 AM
QUESTION ID: JFND-GO4F-E3BD-ECBZ
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJW-GI1D-RP5R-GE3D-1ATZ-GYSS-RPJI-8YSU-QCMB-GOSS-NCB1-GWSS-NCBW-GO4S-NAMF-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

182. A newborn weighing less than 1500 grams (3.3 pounds) but at least 1000 grams (2.2 pounds) is classified as _____ birth weight.

ANSWER: very low
POINTS: 1
REFERENCES: 2.4 Labor and Delivery
QUESTION TYPE: Completion
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.4.4 - What are some complications that can occur during birth?
KEYWORDS: Bloom's: Understand
DATE CREATED: 11/6/2014 4:43 AM
DATE MODIFIED: 11/6/2014 4:43 AM
QUESTION ID: JFND-GO4F-E3BD-ECBW
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJU-8YHG-RA3I-GBTS-N3TW-8YSS-N3BO-CESU-NA3Z-GOSU-KATU-GESU-NCMF-GFOS-KPMR-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

Essay

183. A new genetic disorder called "Blumberg's disease" is found to involve heterozygous alleles, is recessive, and is characterized by incomplete dominance. Discuss the implications of this description concerning the inheritance of this disorder.

ANSWER: Heterozygous alleles occur when the alleles in a pair of chromosomes differ from each other. In this case, the individual will have one non-Blumberg's disease allele and one allele for Blumberg's disease. A recessive allele's instructions are ignored in the presence of a dominant allele. In incomplete dominance, one allele does not dominate another completely. In incomplete dominance, the phenotype that results

often falls between the phenotype associated with either allele. Individuals with two recessive alleles (one from each parent) are likely to inherit this disease. Individuals with at least one dominant allele are unlikely to develop the disease.

POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: Essay
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.2 - What are common problems involving chromosomes, and what are their consequences?
KEYWORDS: Bloom's: Thinking Critically
DATE CREATED: 11/6/2014 4:46 AM
DATE MODIFIED: 11/6/2014 6:33 AM
QUESTION ID: JFND-GO4F-E3BD-ECKD
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJS-CRAU-G3BU-8BTU-GQMR-GYSS-KATS-CRSU-EA31-GOSU-EPJZ-GCSU-1PBA-CA5S-ECJO-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

184. The following quotes summarize key concepts in biology. For each one, describe a real-life example illustrating each of these principles:

- “The behavioral consequences of genetic instructions depend on the environment in which those instructions are implemented.”
- “Genes can influence the kind of environment to which a person is exposed.”

“Environmental influences typically make children within a family different.”

ANSWER: The disease phenylketonuria (PKU) illustrates the first concept. Individuals with PKU accumulate phenylalanine in the body, which damages the nervous system and can lead to intellectual disabilities. However, when infants who have the genotype for PKU are immediately placed on a diet that limits phenylalanine, the disease does not appear. Niche-picking is the process of deliberately seeking environments that fit one's heredity. One example of this is when bright children seek intellectually stimulating environments that make them even smarter. Nonshared environmental influences within a family make children different from each other. One example is when parents are more affectionate with one child than another.

POINTS: 1
REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes
QUESTION TYPE: Essay
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.3 - How is children's heredity influenced by the environment in which they grow up?
KEYWORDS: Bloom's: Thinking Critically
DATE CREATED: 11/6/2014 4:47 AM
DATE MODIFIED: 11/6/2014 6:35 AM
QUESTION ID: JFND-GO4F-E3BD-ECJS
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMR-CEHS-R3JO-GC3U-QAMG-GHSS-K3TU-CRSU-Q3TO-GOSS-EPJA-CASU-1QDB-CE4U-YA3S-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

185. Describe any two genetic disorders that involve abnormal chromosomes. Be sure to both identify the exact chromosomal aberration and the impact of the aberration on development.

ANSWER: Down syndrome is caused by an extra 21st chromosome that is usually provided by the egg. People with Down syndrome have almond-shaped eyes and a fold over the eyelid. Their head, neck, and nose are usually smaller than normal. They also have cognitive and social impairments. Turner's syndrome is caused by having a single X sex chromosome. People with Turner's syndromes are short, have limited development of secondary sex characteristics, and problems perceiving spatial relations.

POINTS: 1

REFERENCES: 2.1 In the Beginning: 23 Pairs of Chromosomes

QUESTION TYPE: Essay

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.1.2 - What are common problems involving chromosomes, and what are their consequences?

KEYWORDS: Bloom's: Thinking Critically

DATE CREATED: 11/6/2014 4:48 AM

DATE MODIFIED: 11/6/2014 6:36 AM

QUESTION ID: JFND-GO4F-E3BD-EPT3

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMF-GTOU-N3JA-8RHU-R3J1-GHSU-NQJU-8RSS-NATS-GOSS-CPMN-GWSS-R3T1-GFTU-YC31-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

186. Jen is 20 years old, pregnant, and eats well, but she is under a lot of stress. Her friend Angelina, who is also pregnant, is 42 years old and has a very poor diet, but is under little stress. What prediction could you make concerning the postbirth health of each of these women's babies?

ANSWER: Prolonged, extreme stress during pregnancy can lead to attention and behavioral problems in children. Jen's prenatal stress can also affect her child's physical, cognitive, and language development. However, Angelina's age puts her child at risk of low birth weight and Down's syndrome. Her poor diet during prenatal development can lead to problems in attention, memory, and intelligence. Also, if Angelina has not consumed adequate amounts of folic acid, her baby is at risk for spina bifida.

POINTS: 1

REFERENCES: 2.3 Influences on Prenatal Development

QUESTION TYPE: Essay

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.3.1 - How is prenatal development influenced by a pregnant woman's age, her nutrition, and the stress she experiences while pregnant?

KEYWORDS: Bloom's: Thinking Critically

DATE CREATED: 11/6/2014 4:49 AM

DATE MODIFIED: 11/6/2014 6:38 AM

QUESTION ID: JFND-GO4F-E3BD-EP1D

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJA-CW3S-KQDG-CW4D-GPMB-GASU-KAUD-CRSU-Q3UR-GOSU-EAT3-GESU-QAMF-COAD-R3MN-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

187. Identify one disease, one drug, and an environmental hazard that is known to negatively impact prenatal development. Be sure to describe the specific impact of each teratogen.

ANSWER: When a woman contracts chicken pox during pregnancy, it can cause spontaneous abortion, developmental delays, or intellectual disabilities. Thalidomide is a drug that causes abnormal prenatal development. Exposure leads to deformed arms, legs, hands, or fingers. Prenatal exposure to mercury can cause retarded growth, intellectual disabilities, or cerebral palsy.

POINTS: 1

REFERENCES: 2.3 Influences on Prenatal Development

QUESTION TYPE: Essay

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.3.2 - How do diseases, drugs, and environmental hazards sometimes affect prenatal development?

KEYWORDS: Bloom's: Thinking Critically

DATE CREATED: 11/6/2014 4:51 AM

DATE MODIFIED: 11/6/2014 6:40 AM

QUESTION ID: JFND-GO4F-E3BD-EPTS

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJ1-G7OS-CATW-GO4D-YCJA-CCSU-OQBI-CRSU-GATZ-GOSU-YCUR-CCSU-RAUN-GR3D-QAMD-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

188. Identify and describe any three principles that govern how teratogens impact development.

ANSWER: (1)The impact of a teratogen depends on the genotype of the organism. Heredity makes some individuals more susceptible to a teratogen. (2)The impact of teratogens changes over the course of prenatal development. The timing of exposure to a teratogen during the zygote, embryo, or fetus stage typically has different effects. (3)Each teratogen affects a specific aspect of prenatal development. Teratogens produce selective damage. (4)The impact of teratogens depends on the dose. More exposure creates more risk of damage. (5)Damage from teratogens is not always evident at birth but may appear later in life. The impact of a teratogen may be delayed.

POINTS: 1

REFERENCES: 2.3 Influences on Prenatal Development

QUESTION TYPE: Essay

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.3.3 - What general principles affect the ways that prenatal development can be harmed?

KEYWORDS: Bloom's: Thinking Critically

DATE CREATED: 11/6/2014 4:52 AM

DATE MODIFIED: 11/6/2014 6:41 AM

QUESTION ID: JFND-GO4F-E3BD-EP4B

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMD-COAD-OCUB-CJ1U-QCMR-GWSU-EP3I-8RSU-CCTA-GOSU-CPJI-CRSU-NP5G-CE3D-E3UN-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

189. Beth is 12 weeks pregnant and concerned that her fetus may have a genetic disorder. Describe two techniques that a physician could use to determine whether Beth's concerns are warranted. Also discuss how fetal medicine could be used to deal with a disorder if one is identified.

ANSWER: Amniocentesis is a prenatal diagnostic technique that uses a syringe to withdraw a sample of amniotic fluid throughout the mother's abdomen. Chorionic villus sampling is a prenatal diagnostic technique that involves taking a sample of tissue from the chorion. Fetal medicine can be used to treat prenatal problems before birth. Disorders can be treated by administering drugs or hormones to the fetus, fetal surgery, or genetic engineering.

POINTS: 1

REFERENCES: 2.3 Influences on Prenatal Development

QUESTION TYPE: Essay

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.3.4 - How can prenatal development be monitored? Can abnormal prenatal development be corrected?

KEYWORDS: Bloom's: Thinking Critically

DATE CREATED: 11/6/2014 4:53 AM

DATE MODIFIED: 11/6/2014 4:53 AM

QUESTION ID: JFND-GO4F-E3BD-EP4G

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMG-GIOS-ECTT-GCHG-RPUF-CRSU-CA3O-8YSS-KPMB-GOSS-EQDF-COSS-N3TZ-GE3S-RPTA-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

190. Describe the three basic stages of childbirth in terms of time, purpose, and symptoms.

ANSWER: During stage 1, which may last from 12 to 24 hours for a first birth, the uterus starts to contract. As the contractions become stronger, the cervix is enlarged to approximately 10 centimeters. Stage 2 lasts about an hour and consists of the baby passing through the cervix and into the vagina. The mother helps push the baby along by contracting muscles in her abdomen. Crowning occurs when the top of the baby's head appears. Stage 3 lasts only minutes and consists of the mother pushing a few more times to expel the placenta.

POINTS: 1

REFERENCES: 2.4 Labor and Delivery

QUESTION TYPE: Essay

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.4.1 - What are the different phases of labor and delivery?

KEYWORDS: Bloom's: Thinking Critically

DATE CREATED: 11/6/2014 4:54 AM

DATE MODIFIED: 11/6/2014 6:43 AM

QUESTION ID: JFND-GO4F-E3BD-EP4D

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMR-GJTD-EAUD-CA3U-KQDB-CRSU-GPUN-CRSS-G3MN-GOSU-RP3A-GESU-CAUD-CW4D-RQDB-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

191. Your friend Ming Lee is currently pregnant and attempting to learn about common birth complications and whether or not homebirth is a good option for her. She is 25 years old, in good health, and expecting her first child. Help her by first describing any two birth complications and then discuss why a home delivery may be a viable option in her case.

ANSWER: Hypoxia is a birth complication in which umbilical blood flow is disrupted and the infant does not receive adequate oxygen. Cephalopelvic disproportion occurs when the infant's head is larger than the pelvis, making it impossible for the baby to pass through the birth canal. Women can consider home delivery when they are healthy, their pregnancy has been problem-free, a trained health care professional is present to assist, and comprehensive medical care is readily available should the need arise.

POINTS: 1

REFERENCES: 2.4 Labor and Delivery

QUESTION TYPE: Essay

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.4.2 - What are "natural" ways of coping with the pain of childbirth? Is childbirth at home safe?

KEYWORDS: Bloom's: Thinking Critically

DATE CREATED: 11/6/2014 4:55 AM

DATE MODIFIED: 11/6/2014 4:56 AM

QUESTION ID: JFND-GO4F-E3BD-EP3O

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMMG-GAAG-NA3S-GR3D-YPJU-GRSU-G3TT-CRSS-CATA-GOSU-NCUF-GYSS-KATW-CFOU-CQJ3-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

192. Length of gestation (i.e., number of weeks in utero) and weight at birth are both related to birth risk. Demonstrate your awareness of key related concepts by discussing the concepts of prematurity, low birth weight, and extremely low birth weight.

ANSWER: Prematurity describes babies born before the 36th week after conception. Low birth weight describes newborns who weigh less than 5.5 pounds (1500 grams). Extremely low birth weight describes newborns who weigh less than 2.2 pounds (1000 grams).

POINTS: 1

REFERENCES: 2.4 Labor and Delivery

QUESTION TYPE: Essay

HAS VARIABLES: False

LEARNING OBJECTIVES: KAIL.HDEV.16.2.4.4 - What are some complications that can occur during birth?

KEYWORDS: Bloom's: Thinking Critically

DATE CREATED: 11/6/2014 4:56 AM

DATE MODIFIED: 11/6/2014 6:44 AM

QUESTION ID: JFND-GO4F-E3BD-EP3W

QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJZ-GAHD-QPDN-CITD-YAMB-CASS-NCJ1-CRSU-OCBU-GOSS-CPBA-GCSU-QCDF-8Y4D-NCDF-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

193. Describe why in vitro fertilization and eugenics represent controversial issues in human development.

ANSWER: In vitro fertilization involves conception outside of the body (e.g., in a Petri dish). Ethical concerns include a parent's right to select specific traits and the high costs, which tend to not be covered by insurance. Eugenics is an effort to improve humans by allowing only certain individuals to mate and pass along genes.

POINTS: 1

REFERENCES: 2.2 From Conception to Birth

QUESTION TYPE: Essay
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.1 - What happens to a fertilized egg in the first two weeks after conception?
KEYWORDS: Bloom's: Thinking Critically
DATE CREATED: 11/6/2014 4:57 AM
DATE MODIFIED: 11/6/2014 6:51 AM
QUESTION ID: JFND-GO4F-E3BD-EPB3
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJW-GAHS-NCTT-GEAU-YPJS-GCSU-CA5N-CRSS-KPTA-GOSS-NQDG-GYSS-E3TS-CTTU-NCJZ-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE

194. Compare and contrast development during the period of the zygote with development during the embryonic period.

ANSWER: The zygotic period occurs during the first two weeks following conception. It includes implantation of the zygote into the uterine wall, the development of the germinal disc that will eventually become the body, and the development of the placenta. The period of the embryo lasts from 3 to 8 weeks after conception. During this time, layers of tissue (e.g., ectoderm, mesoderm, endoderm) begin to shape the developing organism. This is also the time when all body structures and organs are formed.

POINTS: 1
REFERENCES: 2.2 From Conception to Birth
QUESTION TYPE: Essay
HAS VARIABLES: False
LEARNING OBJECTIVES: KAIL.HDEV.16.2.2.1 - What happens to a fertilized egg in the first two weeks after conception?
KAIL.HDEV.16.2.2.2 - When do body structures and internal organs emerge in prenatal development?
KEYWORDS: Bloom's: Thinking Critically
DATE CREATED: 11/6/2014 4:59 AM
DATE MODIFIED: 11/6/2014 6:53 AM
QUESTION ID: JFND-GO4F-E3BD-EPND
QUESTION GLOBAL ID: GCID-E7BW-1TBP-CR3D-QP3W-GITD-OQBI-GITN-4AUN-CPTN-4P3U-CR4N-4AUB-GRAN-4P5R-GC5S-KC3U-8FDI-GWN8-EPRW-EMJZ-GB1U-K3UN-GWHS-NQDF-GESU-YQDN-8YSU-KPJO-GOSS-RA3W-GCSU-G3TZ-GF1G-RPJU-E7JI-YT4D-JFNN-4OTI-GO4W-NQNBEE