

Pearson's Comprehensive Medical Assisting, 4e (Beaman)
Chapter 2 Medical Science: History and Practice

True/False Questions

1) Louis Pasteur is credited with establishing the science of bacteriology.

Answer: TRUE

Page Ref: 21

Objective: 2.2

2) Recent advances in modern medicine allow patients' results to be available to doctors across the country.

Answer: TRUE

Page Ref: 24

Objective: 2.7

3) Hippocrates stressed the body's healing nature, formed clinical descriptions of diseases, and discovered the ability to identify some diseases by listening to the chest.

Answer: TRUE

Page Ref: 19

Objective: 2.3

4) A physician's license may be revoked in cases of severe misconduct, which includes unprofessional conduct, commission of a crime, or personal incapacity to perform one's duties.

Answer: TRUE

Page Ref: 26

Objective: 2.9

5) In a partnership, one physician is still responsible for making all the administrative decisions.

Answer: FALSE

Page Ref: 27

Objective: 2.10

6) Oncology is the study of cancer and cancer-related tumors.

Answer: TRUE

Page Ref: 29

Objective: 2.1

7) The title "doctor" can be used verbally or in writing to address a person who has completed the highest level of education in their field.

Answer: TRUE

Page Ref: 25

Objective: 2.8

8) A medical assistant is not likely to have much interaction with a dental hygienist.

Answer: TRUE

Page Ref: 37

Objective: 2.14

9) A teaching hospital provides the same type of care as in a general hospital.

Answer: TRUE

Page Ref: 32

Objective: 2.12

10) Colorectal surgery involves treatment of disorders and diseases of the chest with surgical intervention.

Answer: FALSE

Page Ref: 31

Objective: 2.11

11) Maturization is the process during which substances, such as milk and cheese, are heated to a certain temperature to eliminate bacteria.

Answer: FALSE

Page Ref: 21

Objective: 2.1

12) In the last 25 years, technological discoveries have permitted medical science to advance faster than in the previous 100 years.

Answer: TRUE

Page Ref: 24

Objective: 2.7

13) A Doctor of Osteopathy (DO) degree has educational requirements similar to those for the medical doctor (MD).

Answer: TRUE

Page Ref: 25

Objective: 2.8

14) The Board of Medical Examiners in each country grants a license to practice medicine.

Answer: FALSE

Page Ref: 26

Objective: 2.9

15) Being knowledgeable about legal issues that can affect a physician's practice would be a responsibility of the medical assistant.

Answer: TRUE

Page Ref: 27

Objective: 2.14

Multiple Choice Questions

1) The _____ has become the recognized symbol for medicine; it depicts a healing staff with two snakes coiled around the staff.

- A) caduceus
- B) cadmium
- C) pices
- D) caduce

Answer: A

Page Ref: 19

Objective: 2.2

2) _____ first theorized about blood circulation in the human body.

- A) Galileo
- B) Harvey
- C) Hunter
- D) Galen

Answer: B

Page Ref: 20

Objective: 2.4

3) Who is considered "The Lady with the Lamp"?

- A) Barb Florencewell
- B) Clara Barton
- C) Elizabeth Blackwell
- D) Florence Nightingale

Answer: D

Page Ref: 23

Objective: 2.6

4) _____ places great emphasis on the relationship between the musculoskeletal systems and the organs of the body.

- A) Osteopathic medicine
- B) Podiatric medicine
- C) Optometric medicine
- D) Pediatric medicine

Answer: A

Page Ref: 26

Objective: 2.1

5) Who was the first person to observe and describe bacteria as "tiny little beasties"?

- A) Hippocrates
- B) Anton van Leeuwenhoek
- C) Galileo
- D) William Harvey

Answer: B

Page Ref: 21

Objective: 2.4

6) Who is called the Founder of Scientific Surgery and developed surgery and surgical pathology into a science?

- A) John Hunter
- B) Galileo
- C) Hippocrates
- D) William Harvey

Answer: A

Page Ref: 21

Objective: 2.5

7) _____, a Greek physician, stressed the value of anatomy and founded experimental physiology.

- A) Galileo
- B) John Hunter
- C) Hippocrates
- D) Galen

Answer: D

Page Ref: 20

Objective: 2.4

8) A major advancement in medicine was made by _____, who invented the stethoscope.

- A) John Hunter
- B) Rene Laennec
- C) William Harvey
- D) Barb Florencewell

Answer: B

Page Ref: 21

Objective: 2.5

9) Antiseptic systems that are still used in surgery today are attributed to the work of _____.

- A) Edward Jenner
- B) William Harvey
- C) Joseph Lister
- D) John Hunter

Answer: C

Page Ref: 22

Objective: 2.5

10) During the Civil War, she established the American Red Cross and the Federal Bureau of Records.

- A) Jonas Salk
- B) Elizabeth Blackwell
- C) Florence Nightingale
- D) Clara Barton

Answer: D

Page Ref: 24

Objective: 2.6

11) _____ is considered the founder of modern nursing.

- A) Mary Smith
- B) Elizabeth Blackwell
- C) Florence Nightingale
- D) Clara Barton

Answer: C

Page Ref: 23

Objective: 2.6

12) _____ was the first female physician in the United States.

- A) Mary Smith
- B) Elizabeth Blackwell
- C) Florence Nightingale
- D) Clara Barton

Answer: B

Page Ref: 23

Objective: 2.6

13) A(n) _____ consist of three or more physicians who share the same facility (office or clinic) and practice medicine together.

- A) sole proprietorship
- B) partnership
- C) associate practice
- D) group practice

Answer: D

Page Ref: 27

Objective: 2.10

14) The _____ is a legal arrangement in which physicians agree to share a facility and staff.

- A) sole proprietorship
- B) partnership
- C) associate practice
- D) group practice

Answer: C

Page Ref: 27

Objective: 2.10

15) A(n) _____ treats abnormal responses or acquired hypersensitivity to substances with medical methods, including testing and desensitization.

- A) allergist
- B) cardiologist
- C) dermatologist
- D) anesthesiologist

Answer: A

Page Ref: 28

Objective: 2.11

16) A(n) _____ is trained to administer both local and general drugs to induce a complete or partial loss of feeling during a surgical procedure.

- A) allergist
- B) cardiologist
- C) dermatologist
- D) anesthesiologist

Answer: D

Page Ref: 28

Objective: 2.11

17) A(n) _____ is trained to treat cardiovascular disease. This physician has received special training in the diseases and disorders of the heart and blood vessels.

- A) allergist
- B) cardiologist
- C) dermatologist
- D) anesthesiologist

Answer: B

Page Ref: 28

Objective: 2.11

18) A(n) _____ treats injuries, growths, and infections relating to the skin, hair, and nails. This physician may treat patients either medically or surgically.

- A) allergist
- B) cardiologist
- C) dermatologist
- D) anesthesiologist

Answer: C

Page Ref: 28

Objective: 2.11

19) A(n) _____ specializes in the development and care of children from birth to maturity.

- A) neurologist
- B) pediatrician
- C) ophthalmologist
- D) orthopedist

Answer: B

Page Ref: 30

Objective: 2.11

20) A(n) _____ specializes in pathology of the kidney, including disorders and diseases.

- A) neurologist
- B) nephrologist
- C) ophthalmologist
- D) orthopedist

Answer: B

Page Ref: 29

Objective: 2.11

21) A(n) _____ treats disorders of the eye, which includes the diagnosis and treatment of vision problems using both medical and surgical procedures.

- A) neurologist
- B) nephrologist
- C) ophthalmologist
- D) orthopedist

Answer: C

Page Ref: 30

Objective: 2.11

22) A(n) _____ specializes in the branch of medicine that deals with the prevention and correction of disorders of the musculoskeletal system.

- A) neurologist
- B) nephrologist
- C) ophthalmologist
- D) orthopedist

Answer: D

Page Ref: 30

Objective: 2.11

23) _____ specializes in the medical and surgical treatment of ear, nose, and throat disorders.

- A) Rheumatology
- B) Psychiatry
- C) Pathology
- D) Otorhinolaryngology

Answer: D

Page Ref: 30

Objective: 2.11

24) A(n) _____ specializes in diagnosing abnormal changes in tissues that are removed during a surgical operation and in postmortem examinations.

- A) rheumatologist
- B) psychiatrist
- C) pathologist
- D) orthopedist

Answer: C

Page Ref: 30

Objective: 2.11

25) A(n) _____ specializes in the diagnosis and treatment of patients with mental, behavioral, or emotional disorders and is also qualified to prescribe and administer medications.

- A) rheumatologist
- B) psychiatrist
- C) pathologist
- D) radiologist

Answer: B

Page Ref: 30

Objective: 2.11

26) A(n) _____ treats disorders and diseases characterized by inflammation of the joints, such as arthritis.

- A) rheumatologist
- B) psychiatrist
- C) pathologist
- D) orthopedist

Answer: A

Page Ref: 31

Objective: 2.11

27) A medical assistant working alongside a _____ will most often be setting up referral services for patients who have diabetes, gastrointestinal disorders, and cancer and have special nutrition requirements.

- A) dental hygienist
- B) pharmacist
- C) medical laboratory professionals
- D) dietician

Answer: D

Page Ref: 37

Objective: 2.14

28) _____ is a recent advancement in modern medicine and used routinely during certain forms of surgery.

- A) Aseptic technique
- B) Anesthesia
- C) Robotics
- D) Blood transfusions

Answer: C

Page Ref: 24

Objective: 2.7

29) A(n) _____ types or enters into the computer dictation that is taken from a recording machine or tape.

- A) unit clerk
- B) medical transcriptionist
- C) psychiatrist
- D) ophthalmologist

Answer: B

Page Ref: 40

Objective: 2.13

30) A(n) _____ is skilled in drawing blood from patients.

- A) podiatrist
- B) ophthalmologist
- C) phlebotomist
- D) rheumatologist

Answer: C

Page Ref: 39

Objective: 2.13

31) _____ are trained in the operation of X-ray equipment such as ultrasound, computerized tomography (CT) scan, magnetic resonance imaging (CT) scan, and magnetic resonance imaging (MRI) equipment.

- A) Diagnostic imaging technicians
- B) Medical laboratory technicians
- C) Medical technologists
- D) Medical transcriptionists

Answer: A

Page Ref: 39

Objective: 2.13

32) _____ are skilled in testing blood, urine, lymph, and body tissues.

- A) Pathologists
- B) Medical assistants
- C) Medical transcriptionists
- D) Laboratory technicians

Answer: D

Page Ref: 40

Objective: 2.13

33) A(n) _____ provides treatment to people who are physically, mentally, developmentally, or emotionally disabled.

- A) occupational therapist (OT)
- B) physical therapist (PT)
- C) physician's assistant (PA)
- D) RN

Answer: A

Page Ref: 36

Objective: 2.13

34) A(n) _____ treats diseases or disabilities of the joints, bones, and nerves by massage, therapeutic exercises, and heat and cold treatments.

- A) occupational therapist (OT)
- B) physical therapist (PT)
- C) physician's assistant (PA)
- D) RN

Answer: B

Page Ref: 36

Objective: 2.13

35) A(n) _____ evaluates, treats, and cares for patients with breathing problems.

- A) occupational therapist (OT)
- B) physical therapist (PT)
- C) respiratory therapist (RT)
- D) RN

Answer: C

Page Ref: 36

Objective: 2.13

36) The _____ were developed to define the body of knowledge and specific skills health care workers are expected to possess for entry-level and technical-level positions.

- A) National Medical Level Skill Standards
- B) Certified Medical Skills Standards
- C) Health and Human Services Standards
- D) National Health Care Skills Standards

Answer: D

Page Ref: 35

Objective: 2.13

37) _____ involves the issuing of a certificate and credentials by a professional organization to one who has met the educational/experience standards of that organization.

- A) Licensure
- B) Registration
- C) Certification
- D) Accreditation

Answer: C

Page Ref: 34

Objective: 2.13

38) A(n) _____ offers living arrangements for the older adult in which each resident or couple has a separate apartment and pays a fixed fee to have some meals and services provided.

- A) skilled nursing facility
- B) intermediate-care facility
- C) extended-care facility
- D) assisted living facility

Answer: D

Page Ref: 33

Objective: 2.12

39) _____ surgery involves the reconstruction of underlying tissues.

- A) Cosmetic
- B) Hand
- C) Colorectal
- D) Cardiovascular

Answer: A

Page Ref: 31

Objective: 2.11

40) _____ is a private nonprofit organization that encourages high standards of medical care and also accredits institutions who meet strict guidelines.

- A) Health and Human Services
- B) The Joint Commission
- C) The Board of Medical Examiners
- D) The Centers for Disease Control and Prevention

Answer: B

Page Ref: 32

Objective: 2.12

41) The _____ serves as a widely used ethical guide for physicians who pledge to work for the good of the patient, to do him or her no harm, to prescribe no deadly drugs, to give no advice that could cause death, and to keep confidential medical information regarding the patient.

- A) Medical Oath
- B) Code of Hammurabi
- C) Hypothetical Oath
- D) Hippocratic Oath

Answer: D

Page Ref: 19, 20

Objective: 2.3

42) A _____ practices medicine, which is the science of diagnosis, treatment, and prevention of disease, and requires a minimum of nine to ten years of education and training.

- A) doctor (MD)
- B) RN
- C) registered medical assistant (RMA)
- D) LPN

Answer: A

Page Ref: 25

Objective: 2.8

43) _____ maintain the requirements for licensure (granting of a license), duties of that license, grounds on which the license can be revoked or taken away, and reports that must be made to the government.

- A) Hospitals
- B) Medical examination boards
- C) Doctors
- D) Medical practice acts

Answer: D

Page Ref: 26

Objective: 2.9

44) It is necessary for physicians to maintain their license by periodic _____, either annually or biannually.

- A) reregistration
- B) retesting
- C) relicensing
- D) reciprocity

Answer: A

Page Ref: 26

Objective: 2.9

45) _____ is known as the Father of Western Medicine.

- A) Nightingale
- B) Hippocrates
- C) Pasteur
- D) Janssen

Answer: B

Page Ref: 19

Objective: 2.3

46) _____ are intended for patients who require skilled nursing care around the clock.

- A) Skilled nursing facilities
- B) Intermediate-care facilities
- C) Extended-care facilities
- D) Assisted living facilities

Answer: A

Page Ref: 33

Objective: 2.12

47) Which of the following is NOT one of the four levels of Emergency Medical Services training?

- A) Emergency Level Responder (EMR)
- B) Emergency Level Technician (EMT)
- C) Emergency Level Professional (ELP)
- D) Paramedic

Answer: C

Page Ref: 37

Objective: 2.13

48) The field of _____ deals with the ordering, maintaining, preparing, and distributing prescription medications.

- A) nursing
- B) medicine
- C) pharmacy
- D) medication

Answer: C

Page Ref: 38

Objective: 2.13

49) _____ refers to the massive database known as medical records.

- A) Health and medical records technology
- B) Database
- C) Medical records database
- D) Health information technology

Answer: D

Page Ref: 40

Objective: 2.13

50) The _____ is still considered the key resource for healthcare in the United States.

- A) hospital
- B) physician's office
- C) ambulance
- D) Medical Assistant

Answer: A

Page Ref: 31

Objective: 2.12

51) A patient who remains overnight in a hospital receives _____ care.

- A) outpatient
- B) ambulatory
- C) inpatient
- D) emergency

Answer: C

Page Ref: 31

Objective: 2.1

52) A patient who is severely burned would likely receive treatment at a(n) _____ hospital.

- A) research
- B) general
- C) teaching
- D) specialty

Answer: D

Page Ref: 32

Objective: 2.12

53) A patient who is obese might seek treatment from a physician who specializes in _____.

- A) obstetrics
- B) bariatrics
- C) oncology
- D) geriatrics

Answer: B

Page Ref: 28

Objective: 2.11

54) In a(n) _____ medical practice, physicians share a staff but NOT legal responsibility for each other's actions.

- A) solo
- B) associate
- C) group
- D) partner

Answer: B

Page Ref: 27

Objective: 2.10

55) _____ involves the practice of one state accepting a license from another state where a physician is already licensed.

- A) Registration
- B) Licensure
- C) Certification
- D) Reciprocity

Answer: D

Page Ref: 26

Objective: 2.9