

Module 1 Exam

Question 1

0 / 2.5 pts

True/False:

A bodybuilder's muscles will display hyperplasia.



True

Correct Answer



False

Question 2

2.5 / 2.5 pts

True/False:

During pregnancy, uterine enlargement is caused by hypoplasia.



True



False

It's hypertrophy and hyperplasia.

Question 3

2.5 / 2.5 pts

True/False:

Persistent dysplasia eventually results in cancer.



True



False

Question 4

0 / 2.5 pts

True/False:

Endometrial hyperplasia is a normal physiologic occurrence.



True

Correct Answer



False

Question 5

10 / 10 pts

Match the following:

- | | | |
|----|---|----------------|
| 1. | Proportion of people with a disease who are positive for that disease | a. Validity |
| 2. | How likely the same result will occur if repeated | b. Reliability |
| 3. | How a tool measures what it is intended to measure | c. Sensitivity |
| 4. | People without the disease who are negative on a given test | d. Specificity |

Proportion of people with a disease who are positive for that disease

c. Sensitivity

How likely the same result will occur if repeated

b. Reliability

How a tool measures what it is intended to measure

a. Validity

People without the disease who are negative on a given test

d. Specificity

Question 6

2.5 / 2.5 pts

Multiple Choice

Which are **true** of the mitochondria? Select all that apply.



It is involved in cellular respiration



They are found far from the site of energy consumption



They play a role in apoptosis



They control free radicals

Question 7

2.5 / 2.5 pts

Which of the following are **true** regarding cell communication? Select **all** that apply.



Paracrine signaling depends on hormones



Neurotransmitters act through synapses



Enzyme linked receptors act through an on-off switch



Autocrine signaling releases a chemical into the extracellular fluid that affects its own activity

Question 8

2.5 / 2.5 pts

Multiple Choice

Which of the following are **false** of the cell?



Proteins carry out the functions of the cell membrane.



Lysosomes are the digestive system of the cell.



The rough ER is the site for lipid synthesis.



Microfilaments are thin, threadlike cytoplasmic structures.

Question 9