

Instruction: Choose the best answer and put the letter of your choice on the answer sheet

1. Regarding the biochemical functions, we may make an analogy that endonuclease is like _____ and ligase is like _____.
 - a. Scissors; glue
 - b. The North pole; the South pole
 - c. Water; tear
 - d. An airplane; submarine
2. What is the primary step in the process of anaphylactic shock?
 - a. Blood pressure rises
 - b. Airways become narrow
 - c. Collapse
 - d. Death
3. Type _____ blood can be donated to all persons because it lacks _____.
 - a. AB/antibodies
 - b. O/antigens
 - c. O/antibodies
 - d. A/antibodies
4. Which form is the infectious stage of a *Taenia saginata* (tapeworm) for human?
 - a. Cysticerci in the beef
 - b. Gravid proglottids in the feces
 - c. Mature worm
 - d. Larvae in the feces
5. Which one is considered a zoonotic disease?
 - a. HIV
 - b. Trench fever
 - c. Brucellosis
 - d. None

6. Gonorrhea is caused by the bacteria _____.
- Trachomatis gonorrhoea*
 - Treponema pallidum*
 - Gonorrhea paritidis*
 - Neisseria gonorrhoeae*
7. Yellowing of skin is the sign of what virus?
- Hepatitis
 - HIV
 - Herpes
 - HSV
8. What is the relationship in which one organism benefits from another without helping or harming it?
- Parasitism
 - Commensalism
 - Mutualism
 - None
9. Which one of the following are signs for Alzheimer's?
- Old age, odd behavior, repetition
 - Loss of appetite, memory loss, old age
 - Shortness of breath, fatigue, old age
 - Loss of appetite, fatigue, lack of hygiene
10. In 1979, scientists announced that they had successfully eliminated a disease. Which of the following disease was eliminated?
- German pox
 - Chicken pox
 - Polio
 - Smallpox
11. Which hormone, when secreted, reduces the blood glucose in normal individuals?
- Growth hormone
 - Glucagon
 - Epinephrine
 - Insulin

ARBA MINCH UNIVERSITY
STREAM SELECTION QUALIFICATION EXAMINATION
Biology for Health, Exam Code 03

12. Which order of the level of organization of life is correct?
- a. Organ → Tissue → Organism → Molecule → Cell → Organ system
 - b. Molecule → Cell → Organism → Macromolecule → Organelle → Organ
 - c. Cell → Organ → Tissue → Organism → Molecule → Atom
 - d. Atom → Molecule → Macromolecule → Organelle → Cell → Tissue
13. What blood component is likely to increase in quantity when the body is infected with bacteria?
- a. Leukocytes
 - b. Thrombocytes
 - c. Platelets
 - d. Erythrocytes
14. The lymphatic system
- a. Pickup fluid leaked from blood vessels and returns it to the blood
 - b. Responds to internal and external changes by activating appropriate muscles and glands
 - c. Produce heat
 - d. Secretes hormones that regulate processes such as growth, reproduction and nutrients use
15. How does a person acquire a nosocomial diseases?
- a. From being inside a healthcare facility
 - b. From being bitten by an infected insect
 - c. From being infected with the common cold virus through nose
 - d. From using a contaminated needle