

TIME:1 hour**NAME:****Answer all questions in the space provided.****SECTION A**

1.	6.	11.	16.
2.	7.	12.	17.
3.	8.	13.	18.
4.	9.	14.	19.
5.	10.	15.	20.

- Which of the following parts of a cell can be used to sort out plants from fungi.
 - Cellulose cell wall
 - Cytoplasm
 - Nucleus
 - Vacuole
- What is a species?
 - Living organisms in the same environment.
 - A population of many classes of organisms.
 - A group of organisms that breed together and produce fertile offspring.
 - A population of organisms that depend on each other.
- The first step in identifying an organism is to assign it to a
 - Class
 - Family
 - Kingdom
 - Species
- Which of the following scientists is involved in the study of taxonomy?
 - Darwin
 - Linnaeus
 - Morgan
 - Lamack

5. Which two of the following are used in naming organisms.
 - A. Classes and species
 - B. Class and order
 - C. Family and kingdom
 - D. Genus and species

6. Which one of the following protozoa has cilia?
 - A. Paramecium
 - B. Euglena
 - C. Amoeba
 - D. Plasmodium

7. Which one of the following parts of spirogyra are surrounded by starch grains;
 - A. Chloroplast
 - B. Cell wall
 - C. Paranoid
 - D. Vacuole

8. Which one of the following organisms does not belong to phylum protocista;
 - A. Bacteria
 - B. Trypanosomes
 - C. Amoeba
 - D. Paramecium

9. To which one of the following genera does a housefly belong;
 - A. Lumbricus
 - B. Homo
 - C. Periplaneta
 - D. Musca

10. Which one of the following organisms is a multicellular
 - A. Euglena
 - B. Paramecium
 - C. Amoeba
 - D. Hydra

11. Which one of the following substances makes up the cell wall of fungi;
 - A. Cuticle
 - B. Cellulose
 - C. Calcium
 - D. Chitin

12. Rhizopus reproduces a sexually by;
 - A. Binary fusion
 - B. Fragmentation
 - C. Sporulation
 - D. Budding

13. The mode of nutrition used by Rhizopus is;
 - A. Heterotrophic
 - B. Parasitism
 - C. Saprophytic
 - D. Autotrophic

14. Bacteria cells differ from plant and animal cells because they;
 - A. Can undergo binary fission
 - B. Lack chlorophyll
 - C. Lack a nuclear membrane
 - D. Lack a cell membrane

15. Which one of the following is an economic importance of fungi;
 - A. Involved in spoilage of meat.
 - B. Cause diseases in animals only.
 - C. Fix atmospheric nitrogen to the soil.
 - D. Cause diseases in both plants and animals.

16. In classification of living things, the immediate subdivision of a class is.
 - A. Family
 - B. Order
 - C. Phylum
 - D. Genus

17. To which one of the following taxa contains the smallest number of organism;
 - A. Kingdom
 - B. Class
 - C. Species

D.Family

18. Which one of the following organisms causes HIV

- A.Bacteria
- B.Fungi
- C.Virus
- D.Trypanosomes

19. Which one of the following organisms does not multiply outside a living cell.

- A.Bacterium
- B.Fungus
- C.Virus
- D.Protozoan

20. Which one of the following unicellular organisms has two nuclei

- A.Spirogyra
- B.Amoeba
- C.Paramecium
- D.Euglena

SECTION B:

21.a) Draw a well labeled diagram of the Paramecium.

ii) State the functions of the:

Contractile

vacuole:.....

.....

Nucleus:.....

.....

Cilia:.....

....

Food

vacuole:.....

.....

b i) The Amoeba reproduces by:

.....

ii) Using diagrams only describe six successive stages of the type of reproduction mentioned in b(i) above

22) a) Name the kingdom to which bacteria belong:

.....

bi) State the three differences between bacteria and viruses.

bacteria	Viruses

ii) State two characteristics common to bacteria and viruses.

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.....

a) Name two diseases caused by bacteria and viruses

Diseases caused by bacteria:

.....
.....

Diseases caused by viruses:

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