

NAME: .....ROLL NO: .....

FACULTY: General Medicine  Pharmacy  Lab  Physiotherapy

Tick (✓) the Best Answer.

Group 'A'

Multiple Choose Questions:

(1×20=20)

1. Who is known as father of botany?

- a. Aristotle      b. Theophrastus      c. Linnaeus      d. Robert Hooke

2. The branch of botany which deals about fungi is called

- a. Algology      b. Phycology      c. Mycology      d. Virology

3. The example of oligosaccharide is

- a. Glucose      b. Fructose      c. Sucrose      d. Galactose

4. All enzymes are

- a. Amino acids      b. Carbohydrates      c. Lipids      d. Proteins

5. The molecule formed by the combination of pentose sugar and nitrogenous bases is

- a. Nucleosides      b. Nucleotides  
c. Proteins      d. Nucleic acids

6. The power house of cell is

- a. Cell wall      b. Plastids      c. Mitochondria      d. Vacuole

7. Ribosome in prokaryotic cell is \_\_\_\_\_ type.

- a. 30S      b. 50S      c. 70S      d. 90S

8. Name the stage where crossing over occurs.

- a. Leptotene      b. Zygotene      c. Pachytene      d. Diplotene

9. The father of classification is

- a. Aristotle      b. Theophrastus      c. Linnaeus      d. Hooker

10. Amphibian plant group falls under

- a. Algae      b. Bryophytes      c. Fungi      d. Pteridophytes

11. **Plasmolysis takes place due to**  
a. Endosmosis      b. Exosmosis      c. Diffusion      d. Transpiration
12. **RNA in higher organism helps in**  
a. Protein synthesis      b. Transfer genetic characters  
c. Storage nutrients      d. Storage information
13. **The released oxygen during photosynthesis comes from**  
a. CO<sub>2</sub>      b. H<sub>2</sub>O      c. ATP      d. None
14. **Osmosis is a \_\_\_\_\_ process**  
a. Physical      b. Chemical      c. Biochemical      d. None
15. **Which of the following is not dividing stage?**  
a. Interphase      b. Prophase      c. Metaphase      d. Anaphase
16. **Brain of nucleus is**  
a. Nucleoplasm      b. Chromosome      c. Nucleolus      d. None
17. **The algal part of lichen is**  
a. Algae      b. Phycobiont      c. Fungi      d. Mycobiont
18. **Which one of the following is a source of used as biofertilizer?**  
a. *Spirogyra*      b. *Funaria*      c. *Marchantia*      d. *Azolla*
19. **The centrally located organelle in plant cell is**  
a. Vacuole      b. Mitochondria      c. Plastid      d. Ribosome
20. **Random movement of molecules from its higher concentration to lower concentration is**  
a. Diffusion      b. Osmosis      c. Transpiration      d. Plasmolysis

