

BIOLOGY 2024

Max. Marks: 60

Time: 3 Hour

SECTION "A" MULTIPLE CHOICE QUESTIONS (MCQs)

Marks: 12

NOTE: (i) Attempt all the Questions of this Section.

(ii) Do not copy down the part questions. Write only the answer against the proper number of the Question and its part according to the question Paper. (iii) Each question carries 1 Mark.

1. Choose the correct answer from the given options:

1. Scientific name of frog is:

- * Palaeon * Rana tigrina ✓ * Periplaneta * Pheretima

2. The cell organelle that is found in animal's cells and helps in Intracellular digestion is called:

- * Ribosome * lysosome ✓
* Mitochondria * Golgi bodies

3. Stage of mitosis in which chromatids reach the poles and their movement ceases, is called:

- * Prophase * Metaphase * Anaphase * Telophase ✓

4. Biological method involves all of the following except:

- * Data collection * Observation
* Experiment * Proportion ✓

5. Fundamental molecule produced during photosynthesis is.

- * Glucose ✓ * Fatty acid * Amino acid * Nucleotide

6. In human digestive system, trachea and esophagus both are connected to:

- * Stomach * Large Intestine * Pharynx ✓ * Larynx

7. Splitting of water presence of sun light, is called:

- * Hydrolysis * Glycolysis * Photolysis ✓ * None of these

8. It is involved in the clotting of blood:

- * Red Blood Cells * White Blood Cells
* Platelets ✓ * Haemoglobin

9. Part of a root between epidermis and endodermis is called:

- * Xylem * Phloem * Comblum * Cortex ✓

10. Volvox is a poly phyletic genus of:

- * Green Algae ✓ * Red Algae
* Brown Algae * None of these

11. Chemical reaction to carry down at proper rate, conditions are required:

- * Temperature and nature * Nature and pressure

* Nature and stracture

* Temperature and pressure ✓

12. Stage of aerobic respiration takes place at the cristae of mitochondria is called

* Electron transport chain

* Glycolysis

* Krebs's cycle ✓

* C₃ cycle