

Inter (Part-I) 2018

Biology	Group-I	PAPER: I
Time: 20 Minutes	(OBJECTIVE TYPE)	Marks: 17

Note: Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink in the answer-book. Cutting or filling two or more circles will result in zero mark in that question.

- 1-1- **In mollusca, a blue respiratory pigment is present called:**
(a) Haemoglobin (b) Haemoerythrin
(c) Prothombin (d) Haemocyanin ✓
- 2- **Mesosomes are internal extensions of:**
(a) Cell wall (b) Cell membrane ✓
(c) Golgi complex (d) Endoplasmic reticulum
- 3- **Oxygen released during photosynthesis comes from:**
(a) Water ✓ (b) CO₂
(c) Glucose (d) Chlorophyll
- 4- **Covalent bond between two monosaccharides is called:**
(a) Glycosidic bond ✓ (b) Peptide bond
(c) Hydrogen bond (d) Ester bond
- 5- **Passive immunity is developed by injecting:**
(a) Vaccine (b) Serum
(c) Antiserum ✓ (d) Antibiotics
- 6- **Parasitic fungi directly absorb nutrients from living host by:**
(a) Haustoria ✓ (b) Roots
(c) Rhizoids (d) Gametangia
- 7- **De Duve discovered cell organelle:**
(a) Mitochondria (b) Lysosome ✓
(c) Plastids (d) Golgi complex

- 8- A group of similar cells that perform similar function is called:
- (a) Organ (b) Tissue ✓
(c) System (d) Organelle
- 9- Cartilaginous fishes contain scales:
- (a) Placoid ✓ (b) Cycloid
(c) Ganoid (d) Ctenoid
- 10- During photorespiration, glycine is converted into serine in:
- (a) Mitochondria ✓ (b) Golgi complex
(c) Chloroplast (d) Ribosome
- 11- In psilopsida, sporangia are produced at:
- (a) Tips of branches ✓ (b) In the axils of branches
(c) Margins of leaves (d) Axils of leaves
- 12- Which one is not a viral disease:
- (a) Cow pox (b) Mumps
(c) Tetanus ✓ (d) Measles
- 13- The total transpiration through cuticle is:
- (a) 5 - 7% ✓ (b) 1 - 7%
(c) 2 - 4% (d) 2 - 5%
- 14- Amoeba moves and obtains food by means of:
- (a) Flagella (b) Pseudopodia ✓
(c) Flexing (d) Cilia
- 15- Optimum pH for action of pancreatic lipase is:
- (a) 3.00 (b) 5.00
(c) 7.00 (d) 9.00 ✓
- 16- Calvin cycle is also known as:
- (a) C₃ pathway ✓ (b) C₂ pathway
(c) C₄ pathway (d) C₅ pathway
- 17- Organisms that live upon or within another organism are called:
- (a) Predators (b) Pests
(c) Parasites ✓ (d) Hosts