

Inter (Part-I) 2021

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- **Incomplete or imperfect digestion is called:**
(a) Ulcer (b) Obesity
(c) Dyspepsia ✓ (d) Botulism
- 2- **Nuclear fusion in basidium is followed by:**
(a) Meiosis ✓ (b) Mitosis
(c) Budding (d) Binary fission
- 3- **The major cell infected by HIV is:**
(a) B-lymphocytes (b) Neutrophils
(c) Helper T-lymphocytes ✓
(d) Basophils
- 4- **Shark liver oil is used in medicine as a source of vitamins:**
(a) A and B (b) A and C
(c) A and D ✓ (d) A and E
- 5- **Which is included in non-vascular plants?**
(a) Hornworts ✓ (b) Whisk ferns
(c) Club mosses (d) Horse tails
- 6- **Water makes how much percent of total cell weight in bacterial cell?**
(a) 40% (b) 50%
(c) 60% (d) 70% ✓
- 7- **In myocardial infarction, which organ is affected?**
(a) Lungs (b) Eye
(c) Kidney (d) Heart ✓
- 8- **In bacteria, when the division is in three planes, it will produce which arrangement?**
(a) Streptococcus (b) Tetrad
(c) Sarcina ✓ (d) Diplococcus

- 9- As a result of energy conversion during light dependant reaction, reducing and assimilatory power is formed in the form of:
(a) NADP (b) ADP
(c) NAD (d) NADPH₂ and ATP ✓
- 10- Zoogeography is study of distribution of what in nature?
(a) Animals ✓ (b) Plants
(c) Trees (d) Zoos
- 11- A respiratory pigment of blue in color called haemocyanin is present in animals of which phylum?
(a) Porifera (b) Coelenterata
(c) Mollusca ✓ (d) Arthropoda
- 12- An activated enzyme consisting of polypeptide chain and a cofactor is known as:
(a) Holoenzyme ✓ (b) Apoenzyme
(c) Alloenzyme (d) Co-enzyme
- 13- Oxygen diffuses how many times more quickly in air than in water?
(a) 8 times (b) 80 times
(c) 800 times (d) 8,000 times ✓
- 14- Which of the following is related to phytol?
(a) C₂₀H₃₉ ✓ (b) C₃₉H₂₀
(c) C₂₂H₄₀ (d) C₄₀H₂₂
- 15- It is a third mechanism to defend the body against the foreign invaders is:
(a) Skin (b) Mucous membranes
(c) Phagocytes (d) Immune system ✓
- 16- Trypanosoma is transmitted by the bite of infected:
(a) Mosquito (b) Dragon fly
(c) House fly (d) Tsetse fly ✓
- 17- One micrometer (μm) is equal to:
(a) 1 × 10⁻⁶ of a meter ✓ (b) 1 × 10⁻⁷ of a meter
(c) 1 × 10⁻⁸ of a meter (d) 1 × 10⁻⁹ of a meter