

10th Class 2019

Biology	Group-I	Paper-II
Time: 15 Minutes	(Objective Type)	Max. Marks: 12

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- True breeding means:

- (a) Homozygous ✓ (b) Heterozygous
(c) Karyotype (d) Phenotype

2- Which are decomposers:

- (a) Plants (b) Animals
(c) Algae (d) Fungi and bacteria ✓

3- What do some bones produce:

- (a) Mucous (b) Hormones
(c) Blood cells ✓ (d) Oxygen

4- For all ecosystems, the basic source of energy is:

- (a) Plants (b) Water
(c) Sun ✓ (d) Fire

5- Which one of the following diseases is cured by vaccines:

- (a) AIDS (b) Smallpox ✓
(c) Cancer (d) Malaria

6- Where does the gaseous exchange occur in human:

- (a) Pharynx (b) Trachea
(c) Bronchi (d) Alveoli ✓

- 7- **Asexual reproduction in yeast take place by:**
(a) Spore formation (b) Multiple fission
(c) Binary fission (d) Budding ✓
- 8- **Which organ is responsible for filtering the blood?**
(a) Intestine (b) Kidney ✓
(c) Brain (d) Stomach
- 9- **The number of pairs of homologous chromosomes in human cell are:**
(a) 26 (b) 25
(c) 24 (d) 23 ✓
- 10- **Root develops from:**
(a) Testa (b) Plumule
(c) Micropyle (d) Radicle ✓
- 11- **Number of pair of cranial nerves in human are:**
(a) 10 (b) 14
(c) 12 ✓ (d) 16
- 12- **Anti-virus protein is:**
(a) Insulin (b) Interferons ✓
(c) Thymosin (d) Urokinase