



Roll No. _____ (To be filled in by candidate)

(For all sessions)

Paper Code	6	4	6	1
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Biology (Objective Type)

Time: 20 Minutes

Marks: 17

NOTE: Write answers to the questions on the objective answer sheet provided. Four possible answers

A, B, C and D to each question are given. Which answer you consider correct, fill the corresponding circle A, B, C or D given in front of each question with Marker or pen ink on the answer sheet provided.

1.1. The most recent era is:

- (A) Proterozoic (B) Paleozoic (C) Cenozoic (D) Mesozoic

2. The specific heat of vaporization of water in Kcal/kg is:

- (A) 580 (B) 574 (C) 597 (D) 602

3. Optimum pH for Arginase enzyme is:

- (A) 4.50 (B) 5.50 (C) 9.70 (D) 7.60

4. Cisternae are associated with:

- (A) ER (B) Mitochondria (C) Nucleus (D) Chloroplast

5. Madcow infection is caused by:

- (A) Bacteria (B) Prions (C) Virions (D) Protozoans

6. Reserve food material in cyanobacteria is:

- (A) Starch (B) Glucose (C) Glycogen (D) Cellulose

7. *Pelomyxa palustris* is an example of:

- (A) Bacterium (B) Ciliate (C) Algae (D) Amoeba

8. *Aspergillus* belongs to Phylum:

- (A) Zygomycota (B) Deuteromycota (C) Ascomycota (D) Basidiomycota

9. Fern Prothallus is:

- (A) Sporophyte (B) Saprophyte (C) Gametophyte (D) Seed

10. kangaroo belongs to sub-class:

- (A) Eutheria (B) Metatheria (C) Prototheria (D) Megatheria

11. Sea urchin belongs to phylum:

- (A) Arthropoda (B) Echinodermata (C) Annelida (D) Protozoa

12. The number of chloroplast in each mesophyll cell is about:

- (A) 10-100 (B) 10-200 (C) 20-100 (D) 20-200

13. The breaking of terminal bond of ATP releases energy of about:

- (A) 4.5Kcal (B) 3.7Kcal (C) 6.8Kcal (D) 7.3Kcal

14. Casparian strips are present in cells of root:

- (A) Cortex (B) Epidermis (C) Endodermis (D) Xylem

15. The valves present in the veins are called:

- (A) Bicuspid (B) Semi-lunar (C) Tricuspid (D) Aortic

16. Excess gastric secretions is an important factor of:

- (A) Peptic ulcer (B) Obesity (C) piles (D) Food poisoning

17. Respiratory system is most efficient in:

- (A) Fish (B) Man (C) Snake (D) Bird