

B.O.T TERM II
S.1 BIOLOGY
TIME: 1 HOUR

INSTRUCTIONS

- Answer all questions

ANSWER GRID FOR SECTION A

1.	6.
2.	7.
3.	8.
4.	9.
5.	10.

SECTION A

1. The life process by which energy is released from food is called;
A. Excretion B. Digestion C. Respiration D. Nutrition
2. Which of the following groups of organisms is not classified and protocista?
A. Bacteria B. Green algae
C. Protozoans D. Brown algae
3. Which of the following statements concerning the cell wall of spirogyra is true?
A. Contains chlorophyll B. Consists of cellulose
C. Is made of chitin D. Contains nuclei
4. Which one of the following is common to both cnidarians and mollucus?
A. Shell B. Muscular foot C. Soft body D. Pseudopodia
5. Which one of the following features distinguishes crusteans from other arthropods?
A. Jointed legs B. Two pairs of antennae
C. Hard skeleton D. Bilateral symmetry
6. To which one of the following phyla do jelly fish and sea anemone both belong?
A. Annelida B. Arthropoda C. Echinodermata D. Cnidaria

7. Which of the following is a characteristic of crustaceans?
- A. Live in soil
C. Have one pair of antennae
- B. Have three body divisions
D. Have five pairs of legs.
8. The body of a fungus is made up of thread like structures called:
- A. hyphae
B. hydra
C. habitat
D. hyacinth
9. The following classes belong to phylum platyhelminthes except:
- A. Class oligochaeta
C. Class Trematoda
- B. Class Turbellaria
D. Class cestoda
10. Which of the following phylum does not belong to kingdom Animalia?
- A. Phylum cnidaria
C. Phylum Bryophyta
- B. Phylum platyhelminthes
D. Phylum Nematoda

SECTION B

11. List the correct related pairs of words from the two columns below:

(i) Digestion	No chlorophyll
(ii) Alternation of generations	Moss
(iii) Saprophyte	Movement
(iv) Fission	Food vacuole
(v) Cilia	Amoeba

12. State the uses of the hooks and suckers on the scolex of the tapeworm.

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13. List at least three importances of earthworms in Agriculture.

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14. (a) State the features by which chordates can be recognized

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(b) Name **five** groups of mammals and give an example from each group.

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15. (a) State **two** features which distinguish millipedes and centipedes.

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(b) State the kingdom and phylum to which each of the following organisms belongs.

Organism	Kingdom	Phylum
Jellyfish		
Mango		
Scorpion		
Whale		
Earthworm		
Tapeworm		
Mushroom		
Blue – green bacteria		
Toad		
Termite		

END