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Total No. of Pages : 02

Total No. of Questions : 09

B.Sc. (Agriculture) (2014 & Onwards) (Sem.-2)

BIOLOGY-II

Subject Code : BSAG-205B

M.Code : 72361

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTION TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

SECTION-A**1. Write short note on :**

- a) Carbohydrates
- b) Chiasmata
- c) Characteristics of phylum Arthropoda
- d) Differentiate between spermatogenesis and oogenesis
- e) Systematics and Taxonomy
- f) Lysosomes
- g) Ectoparasites
- h) Amplexus
- i) Bone
- j) Liver fluke





SECTION-B

2. What are lipids? Explain their types.
3. What is mitosis? Give an account of its various stages.
4. What is Binomial nomenclature? Write various rules of binomial nomenclature.
5. Explain digestive system of ruminant with help of suitable diagram.
6. Explain the structure and functions of mitochondria.

SECTION-C

7. Give an account of development of frog upto three germ layers.
8. Write note on :
 - a) Epithelial tissues
 - b) Muscular tissues
9. Give characteristics and examples of Phylum :
 - a) Porifera
 - b) Echinodermata
 - c) Chordata
 - d) Mollusca
 - e) Platyhelminthes

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.

