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Roll No.	Total No. of Pages : 02
Total No. of Questions : 09	
B.Sc. (Agriculture) (2014 & Onwards)	(Sem.–2)
BIOLOGY-II	
Subject Code : BSAG-205	3
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

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1. Write short note on :

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



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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

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- 7. Give an account of development of frog upto three germ layers.
- 8. Write note on :
 - a) Epithelial tissues
 - b) Muscular tissues
- Give characteristics and examples of Phylum www.FirstRan 9.
 - 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.