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Total No. of Pages : 02

Total No. of Questions : 09

**B.Sc. (Agriculture) (2014 to 2018) (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) Types of lipids
- b) Lungs
- c) Egg of frog
- d) Gametogenesis
- e) Systematics and Taxonomy
- f) Lysosomes
- g) Characters of Reptilia
- h) Reductional division
- i) Differentiate between cartilage and bone
- j) Head louse

## SECTION-B

2. What are Carbohydrates? Explain their types with suitable examples.
3. Give characteristics and examples of Phylum :
  - a) Arthropoda
  - b) Chordata
4. What is Binomial nomenclature? Write various rules of binomial nomenclature.
5. Explain Excretory system of man with suitable diagram.
6. What are Parasites? Name four different endoparasites and the problems caused by them.

## SECTION-C

7. Explain structure of nucleus and mitochondria.
8. Explain structural organization of proteins. Give an account of classification of proteins.
9. Describe development in frog upto three germ layers.

**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.**