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Total No. of Pages : 02

Total No. of Questions : 09

B.Sc. (Agriculture) (2014 & Onwards) (Sem.-3)

FUNDAMENTALS OF INSECT MORPHOLOGY & SYSTEMATICS

Subject Code : BSAG-303

M.Code : 72553

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS 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 student has to attempt ANY FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and student has to attempt ANY TWO questions.

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

- a) Insect Integument
- b) Binomial system of nomenclature
- c) Tagmosis
- d) Compound eyes
- e) Hypopharynx
- f) Tarsomere and Trochanter
- g) Airsachs
- h) Define suture and name prominent sutures of insect head
- i) Malpighian tubules
- j) What is full form of ICAR and NCIPM?





SECTION-B

2. Describe various organs involved in blood circulation of insects.
3. Describe various stages of evolution of insect.
4. Distinguish characteristics of order Orthoptera.
5. What are various mouth parts found in generalized insect?
6. Give up brief account of nervous system of insect?.

SECTION-C

7. Discuss the general structure of insect wing and various modifications.
8. Why are insects most dominating species on earth? What is economic importance of insects?
9. Define metamorphosis and its various types. Describe various larval forms of holometabolous insects. Classify pupae of insect in different groups.

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.

