

2019

(May)

ZOOLOGY

(Major)

Course : 606

(**Economic Zoology**)

Full Marks : 48

Pass Marks : 19/14

Time : 2 hours

*The figures in the margin indicate full marks
for the questions*

1. Fill in the blanks with suitable word(s) : $1 \times 5 = 5$

(a) The disease caused by *Entamoeba gingivalis* is transmitted by _____.

(b) *Helopeltis* is a common pest of _____.

(c) _____ stage of moth borer causes extensive damage to paddy crops.

- (d) The Central Silk Board was established in ____.
- (e) The squeezed fat from the body tissue of pig is known as ____.
2. Elaborate the life history of eri silkworm giving neat labelled sketch of each stage. 6+2=8
3. Discuss in detail the modern rearing method and health management practices in *Apis indica*. 8
4. Outline the salient features of integrated pest management (IPM). Justify the worthiness of IPM over other pest control methods. 6+3=9
- Or
- Mention the major pests of stored grains with special reference to rice. Add a note on the control measures taken during the storage of rice grain. 6+3=9
5. What are the causes of fish spoilage? Outline the basic principles involved in fish preservation. What are the importance of 'rigor mortis' in fish preservation? 3+3+3=9

6. Mention the types of pig breed found in India and their selection criteria for culture. Add a note on scientific rearing of pig.

2+2+5=9

Or

Write short notes on the following : $4\frac{1}{2}+4\frac{1}{2}=9$

- (a) Poultry diseases and its prevention
(b) Scientific rearing method of duck

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