

Total No. of Printed Pages—3

6 SEM TDC ZOO M 6

2018

(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 words : $1 \times 5 = 5$

(a) The generic name of the red rust flour beetle, a common pest of wheat-flour worldwide is _____.

(b) _____ is a kind of domesticated indoor reared multivoltine silkworm.

- (c) The best quality of resin is produced by a strain obtained from _____ a major lac host plant in India.
- (d) Shrimps and prawns are economically important crustaceans that belong to the order _____.
- (e) To prevent classical swine fever (CSF) or hog cholera all pigs should be _____ at the age of 2-4 weeks.

2. How would you define IPM? Describe different types of controls used in IPM with example of each. 1+5+3=9

Or

Write what you know about two important field pests of paddy with their mode of damage and control measure. 5+4=9

3. Give an outline of strength, weakness, opportunity and threat (SWOT) analysis of muga culture. 3+3+3=9

Or

Write what you know about causative organism, symptoms and management of pebrine disease of silkworm (*Bombyx mori*). 1+4+4=9

4. Give an outline of the biology and culture of lac insect. 4+4=8

(3)

5. Write short notes on the following (any three) : 3×3=9
- (a) Advantages of induced breeding
 - (b) Hybridization of fishes
 - (c) Fish oils as fishery byproduct
 - (d) Long-time fish preservation methods
 - (e) Different types of hatcheries
6. Name one bacterial and one viral disease of poultry. Add a note on their causative organisms and preventive measures. 2+2+4=8

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