

2015

(May)

ZOOLOGY

(Major)

Course : 606

(**Economic Zoology**)

Full Marks : 48

Pass Marks : 19

Time : 2 hours

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

1. Fill in the blanks with suitable words : 1×5=5

(a) *Tryporyza incertulas* is a major pest of
— in certain States of India.

(b) A species of *Nosema* causes — disease
of silkworm.

(c) As a constituent, about 40% of honey
consists of — sugar.

(d) — is a surface feeder major carp used in composite fish culture in India.

(e) — is the most common disease of poultry caused by a filter-passing virus.

2. Give brief answer to the following questions :

(a) Write two characteristics of *Apis indica* for which it is considered as best bee for apiculture industries in India. 2

(b) Distinguish between reeled silk and spun silk. 2

(c) Write a brief note on the freshwater prawn species' importance from culture point of view. 3

(d) Give three examples of biological control of insect pests. 3

3. Write short notes on any *two* of the following : 4×2=8.

(a) Different breeds of fowl used in poultry industry of India

(b) Appliances for modern method of bee-keeping

(c) Different products of piggery industry

4. Write the systematic position of Eri worm with a note on its rearing techniques. 2+5=7

Or

Describe the life history of *Bombyx mori*. 7

5. Give a description of the major pests of tea with their control measures. 9

Or

What do you mean by pest? Write a note on the advantages of integrated pest management over chemical control of pests.

2+7=9

6. Describe the method of construction of an ideal fish farm with suitable diagrams. Give an example of exotic carp species used in fish culture in India. (5+3)+1=9
