

**6 SEM TDC ZOO M 6**

**2017**

( 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. Rewrite the following sentences with the appropriate words : 1×5=5

(a) *Spodoptera manuritia* is a pest of tea/eri  
worm/rice/stored grains.

(b) Average larval period of a worker honey-  
bee is 12/3/6/21 days.

( Turn Over )



( 2 )

- (c) *Nosema bombycis* causes the disease called flacherie/musccardine/pebrine/grassaerie.
- (d) *Catla catla*/*Cirrhinus mrigala*/*Labeo rohita*/*Gambusia affinis* is a bottom feeder fish suitable for composite fish culture.
- (e) Ranikhet is a disease of poultry/pig/fish/prawn.
2. Distinguish between the following (any two) :  $4 \times 2 = 8$
- (a) Chemical pest control and Biological pest control
- (b) Life cycle of Muga worm and Mulberry worm
- (c) Nursery pond and Rearing pond
3. Why do we need an integrated approach for insect pest management? Discuss the reasons.  $2 + 5 = 7$
4. What do you understand by post cocoon processing in sericulture? Describe the methods related to it.  $2 + 5 = 7$
- Or
- What are the different food plants of *Philosamia ricini*? Give an account of life history of it.  $2 + 5 = 7$

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( Continued )

( 3 )

5. Give a brief outline of the approaches for modern method of apiculture. 7
6. What is the role of pituitary gland in induced breeding of fishes? Briefly describe the method of hypophysation.  $1 + 6 = 7$

Or

Give an account on fish preservation methods and fish by-products.  $3\frac{1}{2} + 3\frac{1}{2} = 7$

7. Give a brief description of three improved breeds of chickens introduced in India. 7

Or

Prepare a note on poultry diseases and its prevention. 7

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