

- 11) *Ascaris* belongs to phylum _____.
 a) Platyhelminthes b) Nematelminthes
 c) Coelenterata d) Annelida
- 12) Pebrine is disease of Silkworms caused by _____.
 a) *Leishmania donovani* b) *Fasciola hepatica*
 c) *Trypanosoma brucei* d) *Nosema bombycis*
- 13) _____ silkworm produces yellow colored silk commonly reared in all over India.
 a) *Antherea assama* b) *Antherea paphia*
 c) *Bombyx mori* d) *Attacus ricinii*
- 14) _____ is a marine water fish.
 a) *Labeo rohita* b) *Catla catla*
 c) *Cirrhinus cirrhosus* d) *Sardinella longiceps*

- Q.2 A) Attempt any four of the following questions. 08**
- 1) What is meant by Vermiwash?
 - 2) Give economic importance of apiculture.
 - 3) Sexual dimorphism in *Ascaris*.
 - 4) Give parasitic adaptations in liver fluke.
 - 5) Define Camouflage.
 - 6) Write a note on swarming in honey bees.
- B) Attempt any two of the following questions. 06**
- 1) Describe structure of T. S of Spinal cord.
 - 2) Give structure of Bowman's capsule.
 - 3) Explain types and functions of Blood Corpuscles.
- Q.3 A) Attempt any two of the following questions. 08**
- 1) Describe structure, location and function of nervous tissue.
 - 2) Describe life cycle of Liver fluke.
 - 3) Explain Nuptial flight and communication in honey bees.
- B) Attempt any one of the following questions. 06**
- 1) Describe life cycle of Malarial parasite.
 - 2) Describe life cycle of *Ascaris*.
- Q.4 A) Attempt any two of the following questions. 10**
- 1) Describe structure, location and function of simple epithelial tissue.
 - 2) Describe life cycle of *Tapeworm*.
 - 3) Describe process of Vermicompost bed preparation.
- B) Attempt any one of the following questions. 04**
- 1) Write a note on Mimicry with suitable example.
 - 2) Describe histology of Kidney with neat labelled diagram.
- Q.5 Attempt any two of the following questions. 14**
- a) Describe histology of liver and stomach with neat labeled diagram.
 - b) Describe types, rearing, life cycle and economic importance of silkworm.
 - c) Describe construction and maintenance of fresh water fish farming.