

B.Sc Examination Semester VI

Subject- Economic Zoology (Non-CBCS)

M.Marks:80

Time Allowed: 3 Hrs

Section-A

Note: All questions are compulsory. Each question carries 2 marks.(2x10=20)

- Q.1 What is monoculture and polyculture.
- Q.2 Name few species of prawn used in prawn culture.
- Q.3 Give composition and uses of honey.
- Q.4 Draw well labelled diagram of male and female lac insect.
- Q.5 Give characteristics of Black Menorca Poultry breed.
- Q.6 Name few breeds of dairy cattle.
- Q.7 Name some nematode parasites of potato and wheat.
- Q.8 Write short note on snake venom.
- Q.9 What are bio fertilisers?
- Q.10 Give basic concept of cloning.

Section – B

Note : Attempt any five questions selecting one question from each unit. Each question carries 12 marks. (12 X 5 = 60)

Unit – I

- Q.1 Name few pearl producing molluscs. Write a note on pearl culture.
- Q.2 Give detailed account of Induced breeding in fishes.

Unit – II

Q.3 Write short notes on :

- a) Appendages of worker Honey bee
- b) Predator and parasite of Honey bee

Q.4 Name different types of silk producing insects in India and kind of silk fibres produced by them. Also discuss principle of silk worm rearing.

Unit – III

Q.5 Give symptoms, pathogenesis, mode of transmission and prophylaxis of Ranikhet disease.

Q.6 Write note on following cattle diseases:

a) Mastitis

b) Anthrax

Unit – IV

Q.7 Give diagnostic features, damage caused and control measures of following insect pests:

a) Rice weevil

b) Red flour beetle

Q.8 Write notes on :

a) Insects as vectors

b) Harm and control of Juks and Miles

Unit – V

Q.9 What are surrogate mothers. Discuss role of embryo transfer technology in improving livestock.

Q.10 Write short notes on :

a) Biogas

b) Bio insecticides