

Model Question Paper
Zoology-Applied Biology-Part III
12th Standard

Biology

Reg.No. :

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I. Answer all the questions.

II. Use blue pen only.

III. Question number 18 is compulsory.

Time : 01:30:00 Hrs

Total Marks : 80

5 x 1 = 5

Part-A

- 1) Adult plumage of this breed of fowl varies from silver and gold spangled to bluish-black
(a) Busra (b) Chittagong (c) Aseel (d) Karakanath
- 2) Soli organism in the bottom of the pond, used for the culturing of the fish, can be killed by using
(a) pesticides (b) calcium carbonate (c) calcium (d) calcium hydroxide
- 3) Recommended amount of poultry manure used to enhance zooplankton induction in fish culturing pond is
(a) 2000 kg / ha (b) 3000 kg / ha (c) 5000 kg / ha (d) 1000 kg / ha
- 4) Recommended percentage of carbohydrate in the artificial feed to fish should be
(a) 30 - 40 (b) 5 - 10 (c) 50 - 60 (d) 10 - 20
- 5) Adult of this fish feed on phyto plankton but young feed on zooplankton
(a) catla (b) rohu (c) tilapia (d) keluthi

Part-B

5 x 3 = 15

- 6) Define draught breeds.
- 7) What are the advantages of artificial insemination?
- 8) What is artificial insemination?
- 9) Define outbreeding.
- 10) Define cross breeding.

Part-C

4 x 5 = 20

- 11) What are the advantages and disadvantages of an Auto analyser.
- 12) Mention any five precautions to be taken during rearing of mulberry silkworms.
- 13) Detail notes on ECG?
- 14) Give a P, Q, R, S, T wave

Part-D

4 x 10 = 40

- 15) Write any three Edible fishes of Tamil Nadu.
- 16) Give an account of Indian Major carps.
- 17) Describe the working method and uses of sphygmomanometer.
- 18) a) Give an account on dairy breeds/ Give an account on Gir and sindhi dairy breeds.

(OR)

- b) Give an account on Dual purpose breeds (or) write a note on ongole and jersey
