



Progressive Education Society's
Modern College of Arts, Science & Commerce Ganeshkhind, Pune 16
End Semester Examination: Apr/May 2024
Faculty: Science and Technology

Program: BSc Gen 03

Semester: IV

SET: B

Program (Specific): Zoology

Course Type: CC

Class: S.Y.B. Sc

Max. Marks: 35

Name of the Course: Industrial Zoology-II

Credits -2

Course Code: 23-ZO-242

Time: 2Hrs

Paper: II

Instructions to the candidate:

- 1) *There are 4 sections in the question paper. Write each section on separate page.*
- 2) *All Sections are compulsory.*
- 3) *Figures to the right indicate full marks.*
- 4) *Draw a well labelled diagram wherever necessary.*

SECTION: A

Q.1 Define or Explain

5

- 1) Define Beekeeping.
- 2) Explain Freezing of Fish.
- 3) Enlist any two gears used in Indian Fisheries.
- 4) Explain the role of Drone.
- 5) State any two uses of royal jelly.

Q.2 Attempt any four of the following

4

- 1) Enlist any two honey bee products.
- 2) What is the scientific name of Mrigal?
- 3) Enlist any two pests of Honey bee.
- 4) Comment upon Dol net.
- 5) Sketch and label Smoker.
- 6) Enlist any two diseases of Honey bee.

SECTION: B

Q.3 Write note on any four of the following

8

- 1) Explain wag-tail dance of honey bee.
- 2) Comment upon bycatch problems in fishery.
- 3) Describe the Importance of wax.
- 4) Explain the Salient features and classification of *Apis indica*.
- 5) Explain Fresh water fishery.
- 6) Describe the composition of bee wax.

SECTION: C

Q.4 Attempt any four of the following

8

- 1) Write a note on winter management of Apiary.
- 2) Explain the economic importance of Catla.
- 3) Comment upon the importance of fish liver oil.
- 4) State the function of bee brush and gloves.
- 5) Describe Rampani net.
- 6) Comment upon harvesting method of *Harpadon*.

SECTION: D

Q.5 Attempt any two of the following.

10

- 1) Explain Viral diseases of honey bee.
- 2) Explain in detail the Fishery byproducts.
- 3) Describe the life cycle of honey bee with a suitable diagram.
- 4) Explain the Culture method and economic importance of *Catla*.