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(5th Semester)

ZOOLOGY

Paper : ZL-VIII (A)

(Applied Zoology)

Full Marks : 55

Time : 2½ hours

(PART : B—DESCRIPTIVE)

(Marks : 35)

*The figures in the margin indicate full marks
for the questions*

1. Explain the culture method of *Apis* and write its economic importance. 4+3=7

Or

Describe the cultivation of lac. Mention the economic importance of lac. 4+3=7

2. Give a brief account of rearing of silkworm. 7

Or

Write a note on important medicines obtained from animals. 7

3. What are pests? Describe the biological control of pests. 2+5=7

Or

Describe vermicomposting in detail. 7

4. Discuss different fish-farming practices. What are different culturable fishes? 4+3=7

Or

What are different species of pearl-producing oysters? Describe the methods of oyster culture. 3+4=7

5. Write a detailed note on leather industry. 7

Or

Describe the process and products of piggery. 4+3=7

Subject Code : **V**/ZOO (viii) (A)

Booklet No. **A**

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Date Stamp

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To be filled in by the Candidate

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DEGREE 5th Semester
(Arts / Science / Commerce /
.....) Exam., **2016**
Subject
Paper

To be filled in by the Candidate
DEGREE 5th Semester
(Arts / Science / Commerce /
.....) Exam., **2016**
Roll No.
Regn. No.
Subject
Paper
Descriptive Type
Booklet No. B

INSTRUCTIONS TO CANDIDATES

- 1. The Booklet No. of this script should be quoted in the answer script meant for descriptive type questions and vice versa.**
- 2. This paper should be ANSWERED FIRST and submitted within 45 minutes of the commencement of the Examination.**
- 3. While answering the questions of this booklet, any cutting, erasing, overwriting or furnishing more than one answer is prohibited. Any rough work, if required, should be done only on the main Answer Book. Instructions given in each question should be followed for answering that question only.**

Signature of
Scrutiniser(s)

Signature of
Examiner(s)

Signature of
Invigilator(s)

V/ZOO (viii) (A)

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(5th Semester)

ZOOLOGY

Paper : ZL-VIII (A)

(Applied Zoology)

(PART : A—OBJECTIVE)

(Marks : 20)

The figures in the margin indicate full marks for the questions

SECTION—A

(Marks : 5)

Put a Tick (✓) mark against the correct answer in the brackets provided : 1×5=5

1. Antifeedants are used to

- (a) attract the insects ()
- (b) improve egg laying of insects ()
- (c) reduce egg laying ()
- (d) prevent an insect from eating ()

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(2)

2. The bee-larva to be the queen is fed with

- (a) pollen ()
- (b) nectar ()
- (c) royal jelly ()
- (d) None of the above ()

3. The fifth instar larva of silkworm secretes liquid silk through

- (a) anal horn ()
- (b) mouth ()
- (c) spinneret ()
- (d) pseudolegs ()

4. The by-product of fishing industry is

- (a) venom ()
- (b) oil ()
- (c) silk ()
- (d) polish ()

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(3)

5. One of the amino acids which constitutes the wool protein is

- (a) insulin ()
- (b) glucose ()
- (c) arginine ()
- (d) None of the above ()

(4)

SECTION—B

(Marks : 15)

Write short notes on the following in 5–8 sentences each :

3×5=15

1. Inoculation of lac insects

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(5)

2. Types of pesticide

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(6)

3. Life cycle of silkworm

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(7)

4. Species of prawn

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(8)

5. Pasteurization in milk industry

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