

2 0 1 7

(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. How are bees classified? Discuss briefly the different types of bees. 3+4=7

Or

What is lac? Discuss the processing of lac for further use. 2+5=7

2. Describe in brief the life cycle of silkworm.
Add a note on its economic importance. 5+2=7

Or

Write an account on animals used in medicine. 7

3. What are pesticides? Discuss the different types of pesticides. 2+5=7

Or

Write a note on integrated pest management. 7

4. Describe the method of prawn culture. 7

Or

Describe the process of induced breeding in fish. 7

5. Discuss the intensive method of poultry farming. 7

Or

Describe the industrial processing of milk.
Add a list of important milk products. 5+2=7

Subject Code : ZOO/V/08 (a)

Booklet No. A

Date Stamp

.....

To be filled in by the Candidate

DEGREE 5th Semester
(Arts / Science / Commerce /
.....) Exam., **2017**

Subject

Paper

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, over-writing 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.**

To be filled in by the Candidate

DEGREE 5th Semester
(Arts / Science / Commerce /
.....) Exam., **2017**

Roll No.

Regn. No.

Subject

Paper

Descriptive Type

Booklet No. B

*Signature of
Scrutiniser(s)*

*Signature of
Examiner(s)*

*Signature of
Invigilator(s)*

/230

ZOO/V/08 (a)

2 0 1 7

(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. The two crops of Kusumi strain of lac are

- (a) Jethwi and Aghani ()
- (b) Kartiki and Baisakhi ()
- (c) Jethwi and Kartiki ()
- (d) Aghani and Baisakhi ()

/230

(2)

2. Pebrine, a disease of silkworm, is mainly caused by

(a) *Tricholyga sorbillans* ()

(b) *Nosema bombycis* ()

(c) *Spicaria prasina* ()

(d) *Attacus ricini* ()

3. The process of using worms and microorganisms to convert organic matter into nutrient-rich humus is

(a) decomposition ()

(b) recycling ()

(c) vermicomposting ()

(d) restoration ()

4. The remarkable emergence of aquaculture as an important and highly productive agricultural activity is referred as

(a) Blue Revolution ()

(b) Green Revolution ()

(c) aqua bloom ()

(d) None of the above ()

ZOO/V/08 (a)/230

(3)

5. The chief protein component of wool is

(a) cellulose ()

(b) fibroin ()

(c) sericin ()

(d) keratin ()

(4)

SECTION—B

(Marks : 15)

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

3×5=15

1. Economic importance of bee

ZOO/V/08 (a)/230

(5)

2. Stifling of silk

ZOO/V/08 (a)/230

(6)

3. Biomagnification

ZOO/V/08 (a)/**230**

(7)

4. Pearl formation

ZOO/V/08 (a)/**230**

(8)

5. Crusting of leather

★ ★ ★

8G—200/**230**

ZOO/V/08 (a)