

F.Y.B.SC. SEM – II (2014 COURSE) : WINTER - 2017
SUBJECT: ZOOLOGY: APPLIED ZOOLOGY (VERMICULTURE AND SERICULTURE) (Z-22)

Day: Thursday
Date: 09/11/2017

Time: 03.00 PM TO 05.00 PM
Max. Marks: 40

W-2017-0610

N.B:

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Draw neat labeled diagrams **WHEREVER** necessary.
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Q.1 Attempt **ANY TWO** of the following: **(10)**

- a) Describe Tasar and Muga silkworm.
- b) Describe manure processing earthworm species.
- c) Describe economic importance of vermiculture.

Q.2 Attempt **ANY TWO** of the following: **(10)**

- a) Describe factors influencing the culture of earthworms.
- b) Describe shelf, floor and shoot rearing methods.
- c) Describe life cycle of *Bombyx mori*.

Q.3 Attempt **ANY TWO** of the following: **(10)**

- a) Describe in brief small scale vermicomposting method.
- b) Write a note on living soil.
- c) Describe planting of mulberry.

Q.4 Attempt **ANY FIVE** of the following: **(10)**

- a) Give importance of *Pheretima posthuma* species of earthworm.
- b) Write importance of vermiwash.
- c) Write role of vermiculture in sewage treatment.
- d) Enlist the rearing appliances.
- e) Write systematic position of Eri silkworm.
- f) Describe in brief green muscardine.
- g) Describe in brief Dermestid beetle.