

F.Y.B.SC. SEM – II (2014 Course) : WINTER - 2018
SUBJECT: ZOOLOGY: APPLIED ZOOLOGY
(VERMICULTURE & SERICULTURE) (Z -22)

Day: Thursday
Date: 25/10/2018

W-2018-0795

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

N.B.:

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

- a) Describe Muga silkworm and Eri silkworm.
- b) Describe soil processing earthworm species.
- c) Describe advantages of vermiculture over chemical farming.

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

- a) Give economic importance of vermiculture.
- b) Describe life cycle of *Bombyx mori*.
- c) Describe mountages and feeding stands used for silkworm rearing.

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

- a) Describe in brief small scale vermicomposting method in the garden.
- b) Write a note on living soil.
- c) Describe shelf, floor and shoot rearing methods.

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

- a) Define vermiswash.
- b) Describe Uzi flies.
- c) Write role of vermiculture in sewage treatment.
- d) Write on green muscardine.
- e) Define sericulture and vermiculture.
- f) Describe in brief Dermestid beetle.
- g) Sketch and label Tasar silkworm.

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