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BACHELOR OF SCIENCE (CBCS-2018 COURSE)
F. Y. B. Sc. Sem-II : WINTER- 2022
SUBJECT : ZOOLOGY : APPLIED ZOOLOGY (VERMICULTURE &
SERICULTURE)

Day : Wednesday

Time : 02:00 PM-05:00 PM

Date : 21-12-2022

W-18329-2022

Max. Marks : 60

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N.B.

- 1) All Questions are **COMPULSORY**.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Draw neat labeled diagrams **WHEREVERS** necessary.
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Q.1 Attempt any **TWO** of the following: (12)

- a) Describe soil processing earthworm species.
- b) Describe mountages and feeding stands used for silkworm rearing.
- c) Describe the factors influencing the culture of earthworms.

Q.2 Attempt any **TWO** of the following: (12)

- a) Give economic importance of vermiculture.
- b) Describe life cycle of *Bomby mori*
- c) Write an essay on living soil.

Q.3 Attempt any **TWO** of the following: (12)

- a) Describe shelf, floor and shoot rearing method.
- b) Describe large scale vermicomposting method.
- c) Describe rearing house required for sericulture.

Q.4 Attempt any **THREE** of the following: (12)

- a) Describe Tasar silkworm and Eri silkworm.
- b) Describe manure processing earthworm species in brief.
- c) Describe mountages used in silkworm rearing.
- d) Give the detailed account of water management of mulberry cultivation.

Q.5 Attempt any **FOUR** of the following: (12)

- a) What is pruning? Discuss its objectives.
- b) Write a note on precautionary measures of vermiculture.
- c) Describe Pebrine disease.
- d) Write short note on vermicompost as a bio-fertilizer.
- e) Describe Dermestid beetle.
- f) Write a note on composition and uses of mulberry silk.

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