

**ZOOLOGY**  
**COURSE/PAPER: ZOOHSEC-2**  
**Sericulture**  
**(THEORY)**

**Full Marks 20**

**Time – 1.0 hours**

**INSTRUCTIONS TO CANDIDATES**

1. Candidate have to write Roll Number, Registration Number, subject, paper code and other details but **have not write the name in any part of the answer script.**
  2. Students have to send a **CONFIRMATION MESSAGE** either in group What's App immediately after receiving the question paper.
  3. A4 page size with proper margin with continuous page number is to be followed.
  4. The **FRONT PAGE** of the University Answer Scripts to be used for basic information related to the examinations.
  5. No candidates will distribute or forward the question paper(s) by any means of communication, once posted in the Whats App group by the respective teacher(s).
  6. The student should upload/post the answer script to the concerned teacher's within half an hour after the allotted time for examination has elapsed.
  7. After writing, the students have to prepare a single PDF file of the answer script and save it in the name of **(Subject)\_(Paper Code)\_(Roll Number)\_(Date of Examination)**. Students have to **POST** the answer script primarily by e-mail as given during notification.
  8. If any case e-mail is not working then only What's App can be used to send the answer copy. If What's App is opted, the answer copy to be send **INDIVIDUALLY** to the concerned faculty members (not in the **GROUP** What's App).
  9. After posting the **ANSWER** script in **SINGLE PDF** format, students had to restore the hard copy of the **ANSWER SCRIPT** and **DIGITAL DOCUMENTS VERY CAREFULLY** without disclosing to anyone. If required the same will be asked.
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1. Answer any *four* (4) questions:

4x2=8

- a) What do you mean by "grainage"?
- b) Name the secretions of anterior and posterior parts of the silk gland.
- c) What is "Denier"?
- d) What are the causative agents of "Powdery mildew" and "Leaf spots"?
- e) What do you mean by "Moultinism"?
- f) What do you understand by *croissance*?

2. Answer any *four* (4) questions:

4x3=12

- a) Write a short note on diseases of silkworm.
- b) Differentiate between "chawki rearing" and "Late age rearing"?
- c) How many cocoons are needed to obtain 9 kg of silk?
- d) Distinguish between bivoltine and multivoltine silkworm races.
- e) How Disinfection of rearing house of silkworm and appliances should be done?
- f) Write a brief note on "Reeling of silk".