

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

Full Marks 20

Time -1hr.

INSTRUCTIONS TO THE 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.

Q1 Answer any four (4) questions

4 x 2 = 8

- a. What do you mean by “*Voltinism*”?
- b. What are the causative agents of “*Muscardine*” and “*Pebrine*”?
- c. What is '*Silk Route*'?
- d. What do you mean by powdery mildew?
- e. How is “*Degumming*” done?
- f. Name two Sericulture Research Institutes of India.

Q2 Answer any four (4) questions:

3x4=12

- a. Differentiate between *diapausing* egg and *non diapausing* egg?
- b. A floor area of 1600 sq ft can provide the rearing space of how many silkworm larvae?
- c. What do you understand by “*Skeining*” and “*Book Making*”?
- d. How many cocoons are needed to obtain 2 kg of silk?
- e. What is “*Mountage*”? Which type of *Mountage* do you prefer and why?
- f. Write a brief note on Silk gland.