

U.G. 5th Semester Examination - 2020**MOLECULAR BIOLOGY****[PROGRAMME]****Skill Enhancement Course (SEC)****Course Code : MBG-SEC-T-3****(Sericulture)**

Full Marks : 40

Time : 2 Hours

*The figures in the right-hand margin indicate marks.**Candidates are required to give their answers in their own words as far as practicable.*

1. Answer any **five** of the following: $2 \times 5 = 10$
- a) What do you mean by late age rearing?
 - b) Write down the silk worm name of Muga. Name its host plant.
 - c) Which symptoms are shown in Rosa (Grasserie) disease?
 - d) Name the two diseases found in Mulberry leaf.
 - e) What is Marcandine?
 - f) What is the treatment for Flacherie disease?
 - g) What is silk?
 - h) Write down the uses of cocoons.

2. Answer any **two** of the following: $5 \times 2 = 10$
- a) What do you mean by reeling? How are cocoons reeled? Explain. $1+4$
 - b) Describe the life cycle of silk worm. 5
 - c) Write down a name of fungal disease in Mulberry leaf. Briefly explain about that disease. $1+4$
 - d) What is harvesting? How leaf harvesting is done? $2+3$
3. Answer any **two** of the following: $10 \times 2 = 20$
- a) Why is paraffin paper needed in rearing process? Briefly explain the rearing process. $2+8$
 - b) What is Sericulture? How many types of silkworm are found? Differentiate between Exotic and Indigenous races. Which disinfectant is used for rearing house? What is mountage? $2+2+2+2+2$
 - c) What is the scientific name of Uzi fly? Briefly explain about its nature of damage and prevention of it. $1+9$
 - d) Explain the structure of silk worm. How is Eri silk cultivated? Write down the steps for taking care of Mulberry plant. $4+3+3$
- _____