

U.G. 5th Semester Examination - 2021**Molecular Biology & Biotechnology****[PROGRAMME]****Skill Enhancement Course (SEC)****Course Code : MBG-SEC-T-3(506)T****(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** : 2×5=10
- What is harvesting?
 - Write down the silkworm name producing Tasar silk.
 - Which symptoms are shown in Trip disease.
 - Which disinfectants are used for rearing house?
 - What is the spinning?
 - Mentioned the uses of cocoons.
 - What is silk?
 - Write down a name of fungal disease in Mulberry leaf.

2. Answer any **two** : 5×2=10
- What do you mean by reeling? How cocoons are related to reeling? Explain. 1+4
 - Differentiate between Exotic and Indigeneous races. What is mountage? 2+3
 - What do you mean by early age rearing? Briefly explain about Shoot and floor rearing process. 1+4
 - How leaf harvesting is done? What is Marcandine? 3+2
3. Answer any **two** : 10×2=20
- Name the two diseases found in Mulberry leaf. How mulberry leaf is propagated in field? 2+8
 - What is Sericulture? Describe the life cycle of silkworm. How many types of silkworms are found? 2+6+2
 - What is the scientific name of Uzi fly? Briefly explain about its nature of damage and prevention of it. 1+9
 - Explain the structure of silkworm. How Muga silk is cultivated? Why hormone spray is important for mulberry leaf cultivation? 5+3+2