

**Syllabus in respect of Direct Recruitment to Sericulture**  
**Demonstrator, Sericulture Department**

<b>Paper</b>	<b>Subject</b>	<b>Marks</b>
<b>Paper-I</b>	General Knowledge (50 questions)	100
	General English (25 questions)	50
	Essay Writing	30
	English Comprehension	20
	<b>Total</b>	<b>200</b>
<b>Paper-II</b>	Simple Arithmetic (50 questions)	100
	Basic Computer Knowledge (50 questions)	100
	<b>Total</b>	<b>200</b>
<b>Paper-III</b>	<b>A: ABORICULTURE</b> 1. Host plant cultivation 2. Manure and fertilizer 3. Pruning (Types and methods of pruning) 4. Leaf harvest and preservation 5. Sericulture extension and farm management	<b>50</b>
	<b>B: SILKWORM PHYSIOLOGY AND SILKWORM REARING</b> 1. Morphology of Silkworm egg, lava, pupa and moth 2. Disinfection and preparation of disinfectants 3. Silkworm rearing-chawki and late age rearing 4. Seed organization and grainage technology	<b>50</b>
	<b>C: PATHOLOGY</b> A) PLANT PATHOLOGY 1. Pest Management 2. Disease of silkworm food plant and their control	<b>40</b>

	<b>B) SILKWORM PATHOLOGY</b> 1) Four different types of silkworm disease 2) Symptoms of pebrine, Flacherie and Fungal disease in larva stage 3) Prevention and control of silkworm diseases	<b>40</b>
	<b>D: POST COCOON TECHNOLOGY</b> 1) Reeling and silk testing 2) Spinning	<b>20</b>
	<b>TOTAL</b>	<b>200</b>