

No. of Printed Pages : 1

Sl. No.



21BOT3E1BL

M.Sc. III Semester Degree Examination, April/May - 2023

BOTANY

Applied and Industrial Botany

Time : 3 Hours

Maximum Marks : 70

Note : Answer **any five** of the following with Question No. **1** is **compulsory**. Each question carries **equal** marks.

1. Explain in detail the process of distillation of alcohol and other by products from sugar industry. **14**
2. Write on Industrial manufacturing of plywoods and add a note on its classification. **14**
3. Detailed account on chemical treatment of fireproof wood and its uses. **14**
4. Write the commercial importance of Green gold, Tectona grandis and Shorea robusta. **14**
5. Explain the manufacturing of sugar from sugarcane and problems faced by sugar industry in India. **14**
6. (a) Manufacturing of board from plant **5**
(b) Explain the chemical processing of raw rubber **5**
(c) Rubber plants of India **4**
7. (a) Classification of fibres **5**
(b) Uses of Gums and Resin **4**
(c) Different extraction methods of dyes **5**
8. (a) Nutraceuticals **5**
(b) Extraction of antibiotic from any one plant **5**
(c) Agro industries with special reference to karnataka **4**

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