

Total page: 1

PG CBCS
M.Sc. Semester-III Examination, 2020
BOTANY
PAPER: C-BOT 304
PLANTS AND SOCIETY-II (CBCS)

Full Marks: 40**Time: 2 Hours**

Write the answer for each unit in separate sheet

BOT 304.1

PLANTS AND ENVIRONMENT

1. Answer any two questions from the following: (250 Words) 10 x 2 = 20

1. Define mangrove. Write briefly the ecological values of mangrove. Name two mangrove plant species. 2+6+2
2. Mention the significance of biodiversity conservation. Briefly discuss various modes of biodiversity conservation. 4+6
3. Define wetland. Write the ecological value of wetlands. 3+7
4. What is the difference between food chain and food web? Why are terrestrial ecosystems important? Name the types of terrestrial ecosystem. 3+4+3
5. Define ecosystem. What is meant by freshwater ecosystem? What are the characteristics of freshwater ecosystem? Describe the freshwater ecosystem of lakes.

BOT 304.2

PLANTS AND SOCIETY- II

1. Answer any two questions from the following: (250 Words) 10 x 2 = 20

1. Mention different steps for wine production. Name any four oriental fermented foods. 6+4
2. What is GM crop and golden rice? Give a brief account on the contraction of this transgenic crop. 4+6
3. What is micro propagation? Write down different steps of micropropagation. What is explant? 2+6+2
4. Define petro crops? Give two example of two petrocrops. Write short notes on biodiesel. 2+2+6
5. Write short notes on pudding. Why fermented foods more beneficial than other foods. Name two microorganisms found in curd. 4+4+2