

M.Sc. Sem.-1 Examination

404

Botany

January-2024

Time : 2-30 Hours]

[Max. Marks : 70

Instructions: All Questions carry equal marks
Attempt all Questions

- Q I What is good manufacturing practice? Explain Food Technology. 14
- OR
- Q I A. Economic significance of phytoresources. 7
B. Oil yielding plants of Gujarat. 7
- Q II What is traditional knowledge? Explain about voucher specimen in context ethnobotany with example. 14
- OR
- Q II A. IUCN 7
B. Explain: Gene bank and Seed Bank 7
- Q III What are Secondary metabolites? Explain its extraction strategies and describe its types. 14
- OR
- Q III A. Role and active principles of under-ground plants. 7
B. Explain about types of adulterants and role of pharmacognocny. 7
- Q IV Biosphere reserves, Sanctuaries and National Parks in Gujarat 14
- OR
- Q IV A. Explain Participatory Forest Management. 7
B. Explain NWFPs 7
- Q V Attempt any 7 out of 12 MCQs/Short question (One- or Two-line answer)/ Fill in the blanks/True or False etc. 14
- 1 Economic uses of *Curcuma longa* 2
 - 2 Economic uses of any one drying oil 2
 - 3 Define Afforestation 2
 - 4 Explain in brief: Agroforestry 2
 - 5 What is Active principle? 2
 - 6 Give any two scientific names of flowers and its phytochemicals. 2
 - 7 What is traditional knowledge? 2
 - 8 Give names of 2 research journals in Ethnobotany and Forestry 2
 - 9 Geen Bank 2
 - 10 Ful form of NAFED and NABARD 2
 - 11 Give botanical names of 4 gums 2
 - 12 Explain in brief Crop residue 2

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