

GUJARAT TECHNOLOGICAL UNIVERSITY
B.PHARM - SEMESTER- 4 EXAMINATION – SUMMER -2019

Subject Code: 2240006

Date: 20-05-2019

Subject Name: Pharmacognosy-II

Time: 10:30 AM TO 01:30 PM

Total Marks: 80

Instructions:

1. Attempt any five questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

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|-------------|-----|---|-----------|
| Q.1 | (a) | Define Resin. Explain in detail Classification of resin and physico-chemical property of it. | 06 |
| | (b) | Describe general characteristic of umbelliferous fruit. Write Biological source, Chemical constituents and uses of Any one. | 05 |
| | (c) | Explain Histology of Cassia bark with proper labelled diagram. | 05 |
| Q.2 | (a) | What is Hydrolysable tannin. Explain in detail Pharmacognosy of Amla. | 06 |
| | (b) | Write Pharmacognosy of Pale Catechu. | 05 |
| | (c) | Explain Pharmacognosy of drug used as counter irritant. | 05 |
| Q.3 | (a) | Explain in detail balsamic resin containing drug. | 06 |
| | (b) | Write Biological Source, Chemical constituent and uses of Nagarmotha and Garlic. | 05 |
| | (c) | Write a note on drug used in Bronchial asthma. | 05 |
| Q.4 | (a) | Define volatile oil and write in detail preparation of volatile oil. | 06 |
| | (b) | Explain Detail microscopy of Ginger. | 05 |
| | (c) | Explain in detail narcotic drug. | 05 |
| Q.5 | (a) | Explain in detail oleo resin gum drug used as nervine stimulant. | 06 |
| | (b) | Write a note on Pharmacognosy of Clove. | 05 |
| | (c) | Write Biological Source, Chemical constituent and uses of Sandalwood and Ajowan. | 05 |
| Q. 6 | (a) | Write difference between the following:
1. Indian Podophyllum and American Podophyllum.
2. Indian Dill and European Dill. | 06 |
| | (b) | Write Biological Source, Chemical constituent and uses of Ashoka and Pterocarpus. | 05 |
| | (c) | Write a note on Cardamom. | 05 |
| Q.7 | (a) | Write a note on Convolvulaceous resin drugs. | 06 |
| | (b) | Explain Pharmacognosy of Turmeric. | 05 |
| | (c) | Differentiate Fennel and Coriander by its Morphological and Microscopical Characteristics. | 05 |
