

GUJARAT TECHNOLOGICAL UNIVERSITY
DIPLOMA PHARMACY YEAR- 1 • EXAMINATION – WINTER - 2023

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Subject Code: DP103TP

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Date: 13/12/2023

Subject Name: Pharmacognosy

Time: 02:30 PM TO 05:30 PM

Total Marks: 80

Instructions:

1. Question -1 is compulsory to attempt.
2. Attempt any 04 questions from Question 2 to 7.
3. Make suitable assumptions wherever necessary.
4. Figures to the right indicate full marks.

- Q.1** Answer the following questions. (Attempt Any 16) (1 mark each) **16**
- 1) Explain term 'nutraceutical'.
 - 2) Write about basic principles involved in the Ayurvedic system of medicine.
 - 3) Give name of enzymes from your syllabus.
 - 4) What are uses of Acacia gum?
 - 5) Define anti-rheumatic drug.
 - 6) Write botanical source of Ispaghula.
 - 7) What is Asava?
 - 8) Give example of dental analgesic drug.
 - 9) Explain uses of Shark liver oil.
 - 10) Define antidiabetic drug with examples.
 - 11) Write about uses of Asafoetida.
 - 12) What is botanical source of Tea?
 - 13) Describe match stick test for tannins.
 - 14) Explain uses of Surgical catgut.
 - 15) Give examples of carminative drugs.
 - 16) Write chemical constituents and uses of Belladonna.
 - 17) Define volatile oils.
 - 18) Write a name of chemical test for digitoxose sugar.
 - 19) Give example of Antiseptics and Disinfectant drugs.
 - 20) Explain use of Almond oil in cosmetic.
- Q.2** (a) Describe Pharmacognosy of Senna. **06**
 (b) Give name of anti-tumour drugs and describe any one. **05**
 (c) Write down botanical source, family, chemical constituents and uses of Ginger and Coriander. **05**
- Q.3** (a) Enlist methods for evaluation of crude drugs and explain any one of them. **06**
 (b) Write a note on any one anti-tussive drug. **05**
 (c) Describe morphological classification of crude drugs. **05**
- Q.4** (a) Define glycoside. Give details of its classification. **06**
 (b) Write a note on Pharmaceutical aids in brief. **05**
 (c) Explain method of preparation of Bhasma. **05**
- Q.5** (a) Discuss adulteration of crude drugs with examples. **06**
 (b) Write down about importance and sources of dietary fibres. **05**
 (c) Give a note on Ephedra. **05**

- Q. 6** (a) Write a note on significance of herbal drugs in cosmetic preparation. **06**
(b) Describe diuretic drugs. **05**
(c) Discuss chemical tests for alkaloids. **05**

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- Q.7** (a) Describe oxytocic drug. **06**
(b) Give difference between Ceylon cinnamon and Chinese cinnamon. **05**
(c) Write details of botanical source, family, chemical constituents and uses of Ashwagandha and Myrobalan. **05**

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