

GUJARAT TECHNOLOGICAL UNIVERSITY
B.PHARM - SEMESTER- 3 EXAMINATION – SUMMER -2019

Subject Code: 230006

Date: 28-05-2019

Subject Name: Pharmacognosy - II

Time: 02:30 PM TO 05:30 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 Resins. Give classification of resins giving examples. | 06 |
| | (b) What is Resene? Explain in brief giving example. | 05 |
| | (c) Write Botanical source, Chemical constituents and uses of Asafoetida. | 05 |
| Q.2 | (a) Define Tannins and give its properties. | 06 |
| | (b) Write a comparative study on Condensed and Hydrolysable tannins. | 05 |
| | (c) Mention various differentiating points between Pale catechu and Black catechu. | 05 |
| Q.3 | (a) Define and write properties of Volatile oil. | 06 |
| | (b) Give different methods for isolation of Volatile oils. Explain any one in brief. | 05 |
| | (c) Write morphology of Dill fruit. Write method for isolation of Dill oil. | 05 |
| Q.4 | (a) Explain method for preparation of extracts. | 06 |
| | (b) Give various screening method for identification of tannins in plant extracts. | 05 |
| | (c) Enlist various fibres used in pharmacy. Describe about Nylon. | 05 |
| Q.5 | (a) Write method for preparation of Adsorbent cotton. | 06 |
| | (b) Write source and uses of Silk fibres. | 05 |
| | (c) Give a detailed study of Cinnamon bark microscopy. | 05 |
| Q.6 | (a) Write a short note on Pharmaceutical aids. Write in brief about Diatomite. | 06 |
| | (b) Write about morphology of Clove. | 05 |
| | (c) Give botanical source, chemical constituents and uses of Sandal wood. | 05 |
| Q.7 | (a) Draw microscopy of Coriander fruit. | 06 |
| | (b) Write botanical source, chemical constituents and uses of Jalap. | 05 |
| | (c) Give a short note on Wool fibre. | 05 |
