

Seat No.: \_\_\_\_\_

Enrolment No. \_\_\_\_\_

## GUJARAT TECHNOLOGICAL UNIVERSITY

B.Pharm Sem-III Remedial Examination May 2011

Subject code: 230006

Subject Name: Pharmacognosy-II

Date: 30/05/2011

Time : 10.30a.m. – 01.30 p.m.

Total Marks: 80

### Instructions:

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

- Q-1 (a) Define resins. Give properties, classification and isolation method of it. 6  
(b) Write source, family and collection method of Benzoin. 5  
(c) Write source, chemical constituents, chemical tests and uses of Asafoetida. 5
- Q-2 (a) What are Tannins? Give classification and write their general chemical tests. 6  
(b) Write – Pharmacognosy of Pale Catachu. 5  
(c) What are umbelliferous fruits? Give their general characters. 5
- Q-3 Write about following extraction methods  
(a) Water – steam distillation 6  
(b) Enfleurage method 5  
(c) Soxhlet extraction method 5
- Q-4 Write source, morphology, microscopy, chemical tests and uses of following fibres  
(a) Cotton 6  
(b) Wool 5  
(c) Silk 5
- Q-5 (a) Enlist different types of Pharmaceutical aids. 6  
(b) Write in detail about – Saffron. 5  
(c) Write source, method of preparation, morphological characters and uses of Gelatin. 5
- Q-6 Differentiate following  
(a) Indian dill and European dill 6  
(b) Cinnamon and Cassia bark 5  
(c) Indian Turmeric and Java Turmeric 5
- Q-7 (a) Write general chemical tests for anthraquinones, cardiac glycosides and cyanogenetic glycosides. 6  
(b) Write about Adulteration in clove 5  
(c) Draw and describe T.S. of Eucalyptus. 5

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