

Subject Code: PHR16223

II B. Pharmacy II Semester Regular Examinations, April - 2018

PHARMACOGNOSY – I

Time: 3 hours

Max. Marks: 70

Note: 1. Question Paper Consists of two parts (**Part-A** and **Part-B**)2. Answering the question in **Part-A** is Compulsory,3. Answer any **FOUR** Questions from **Part-B**

PART-A

1. (a) Write brief note on alphabetical Classification of crude drugs with examples.
- (b) Define hybridization and its importance in cultivation of medicinal plants.
- (c) Write the examples of microorganism source of natural drugs.
- (d) How to classify chemical classification of plants with examples?
- (e) Write bio logical source, chemical constituents and use of honey.
- (f) Write biological source and chemical constituents of Balsam of Tolu.
- (g) Define adulteration and its types.

[2+2+2+2+2+2+2]

PART-B

2. (a) Write a note on history and development of pharmacognosy.
- (b) Write in detail about mineral and marine source of drugs. [8+6]
3. (a) Classify the drugs based on chemical and morphological classification with examples.
- (b) What are the merits and demerits of Pharmacological and Chemical classification? [8+6]
4. (a) Discuss in detail about processing and collection of medicinal plants.
- (b) What do you mean by GAP? Explain its feature in cultivation of medicinal plants. [8+6]
5. (a) Explain in detail about chemical and microscopic method of evaluation for crude drugs.
- (b) How adulterants are detected by organoleptic and biological method of evaluation? [7+7]
6. (a) Write in detail Pharmacognostic study of Ispaghula.
- (b) Write bio logical source, chemical constituents and use of pectin and agar. [7+7]
7. (a) Write biological source, chemical constituent and uses of following drugs.
 - (i) Cocoa butter (ii) Cod liver oil (iii) Asafoetida (iv) Myrobalan
- (b) Write biological source, chemical constituent and uses of following drugs.
 - (i) Castor oil (ii) Benzoin (iii) Arjuna bark

[8+6]

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