

Subject Code: B132102/R13**SET-1****II B.Pharmacy I Semester Supplementary Examinations, Oct/Nov - 2017****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 **THREE** Questions from **Part-B**

PART-A

1. (a) Give the examples of microorganisms as a source of natural drugs.
(b) How to classify chemical classification of plants with examples?
(c) Define polyploidy and its importance.
(d) Define adulteration. List out the types of adulteration.
(e) Write biological source and chemical constituents and uses of guar gum.
(f) What are the chemical tests used for identification of volatile oils?

[3+3+4+4+4+4]

PART-B

2. (a) Write in detail about mineral and marine source of drugs with examples.
(b) Explain the Tridhoshic concept in Ayurvedic system of medicines.
[8+8]
3. (a) Define crude drugs and classify them. Give the details of merits and de merits of pharmacological and chemical classification with examples.
(b) Write short note on chemo taxonomical method of classification.
[10+6]
4. (a) Explain the strategies of obtaining improved cultivation of medicinal plants.
(b) What is hybridization technique adopted to improve cultivation of medicinal plants?
[10+6]
5. (a) How adulterants are detected by organoleptic and biological methods in evaluation of crude drugs?
(b) Explain in detail chemical method of evaluation of crude drugs.
[12+4]
6. Write biological source, chemical constituents, chemical tests and uses of following crude drugs
i) acacia ii) starch iii) honey iv) agar
[4+4+4+4]
7. Write biological source, chemical constituents, chemical tests and uses of following crude drugs
i) cinnamon ii) fennel iii) shark liver oil iv) cocoa butter
[4+4+4+4]
