

(LE 4261)

THIRD YEAR B.PHARM. EXAM
PAPER I – PHARMACOGNOSY AND PHYTOCHEMISTRY
Q.P. Code: 564261

Time: Three Hours

Maximum: 100 marks

I. Elaborate on: (2X20=40)

1. How crude drugs are classified? Explain Pharmacological and chemical classifications with examples. Define chemotaxonomy and Serotaxonomy
2. a). Define 'Pharmacognosy'. Enumerate future scope of Pharmacognosy.
b). List the crude drugs of marine origin. Explain the source, collection, preparation, constituents and uses of any one of them.

II. Write notes on: (8X5=40)

1. How crude drugs are preserved? Give few examples
2. Name the factors influencing cultivation
3. Biological evaluation of crude drugs
4. How the adulterants of honey are detected?
5. A lipid from animal source
6. Name different varieties of aloes and their sources
7. Anti hypertensive drug of plant origin
8. Antihepatotoxic drugs

III. Short Answers on: (10X2=20)

1. Source and use of Bentonite
2. Preparation and use of Gelatin sponge
3. Non-absorbable sutures
4. Biological source, constituents and uses of Amla
5. Define 'crude drugs' and 'Unorganised drugs'
6. What are adaptogens? How they work?
7. Classify fixed oils
8. Extraction of Medicinal castor oil
9. Sources of crude drugs used for steroidal synthesis
10. Source, constituents and uses of "Ma-Huang"
