

(LK 4261)

FEBRUARY 2017

Sub. Code: 4261

**B.PHARM. EXAMINATION
THIRD YEAR
PAPER I – PHARMACOGNOSY AND PHYTOCHEMISTRY**

*Q.P. Code: 564261***Time: Three hours****Maximum: 100 Marks**

I. Elaborate on: **(2 x 20 = 40)**

1. Explain in detail the source family, cultivation, collection, macroscopy, microscopy, chemical constituents, chemical tests and uses of Coriander.
2. Briefly discuss various systems of classification of crude drugs from natural origin with examples.

II. Write notes on: **(8 x 5 = 40)**

1. History and scope of Pharmacognosy.
2. Hepatoprotective drug.
3. Advantages and disadvantages of cultivated drugs over wild source.
4. Vinca.
5. Natural pesticide. Elaborate on any one.
6. Adulterants of clove.
7. Rauwolfia.
8. Biological evaluation.

III. Short answers on: **(10 x 2 = 20)**

1. Define Vein Islet Number and Veinlet Termination Number.
2. Murexide Test.
3. Source and uses of Shark liver oil.
4. Gymnema – Source and family.
5. Source, family, constituents and use of any one protein drug.
6. Different types of Starch and its uses.
7. Kurchi – Constituents and uses.
8. Adulterants and substitutes of Nux-vomica.
9. Classify Cardiac glycoside based on lactone ring. Give one example for each.
10. Pthalleoquin Test.
