

(Following Paper ID and Roll No. to be filled in your Answer Books)

Paper ID :150614

Roll No.

**B.PHARM.**

**Theory Examination (Semester-VI) 2015-16**

**PHARMACOGNOSY-III**

*Time : 3 Hours*

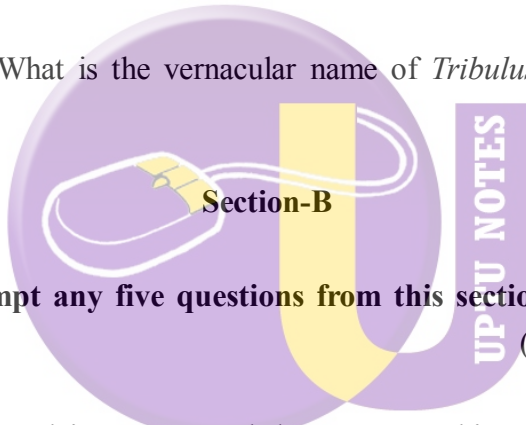
*Max. Marks : 100*

**Section-A**

1. **Attempt all parts. All parts carry equal marks. Write answer of each part in short.** (2×10 = 20)

- (a) Write the chemical composition of Dragendorff's reagent.
- (b) What is the geographical source of Ginseng?
- (c) Which drug can be use for the adulteration of Senna?
- (d) Mention two natural sweetening agents which can be given to diabetic patients.

- (e) What is the biological source of Harde?
- (f) Name two traditional drugs uses as nervine tonic.
- (g) Mention the chemical constituents of Amla.
- (h) Write the main use of Psoralea.
- (i) Write the modified Borntrager's test.
- (j) What is the vernacular name of *Tribulusterrestris*.



**2. Attempt any five questions from this section.** (10×5 = 50)

- (a) Explain two natural drugs uses as bitter.
- (b) Discuss the biological source and uses of two drugs from the Anthraquinone category.
- (c) Draw well label neat TS diagram of Digitalis leaf.
- (d) Mention the importance of Chirata in Indian Traditional System.

- (e) What do you understand by tannins? Classify them with examples.
- (f) Write the biological source, chemical constituents and uses of Ashoka.
- (g) Explain two traditional drugs of oral hypoglycaemic activity.
- (h) Write the biological source, chemical constituents and uses of Stevia.

**Section-C**

**Attempt any two questions from this section (15×2 = 30)**

- 3. What are Alkaloids? Explain their extraction and isolation methods with their qualitative chemical test.
- 4. Write the detailed pharmacognosy of any three drugs
  - (i) Tylophora
  - (ii) Methi
  - (iii) Apamarg
  - (iv) Saffron

5. What are Cardiac Glycosides? Differentiate between Cardenolides and Bufadienolides. Show the interrelationship of glycoside of *Digitalis purpurea* and *Digitalis lanata*.

