



PF-014-003709

Seat No. _____

**Master of Pharmacy Management (Sem. VII)
(CBCS) Examination**

July - 2018

Pharmacognosy - V

Faculty Code : 014

Subject Code : 003709

Time : 3 Hours]

[Total Marks : 80]

- Instructions :**
- (1) Figures to the right indicate marks.
 - (2) Answer any three questions from each section.
 - (3) Question no. 1 and Question no. 5 are compulsory.
 - (4) Draw neat and clean diagrams as required.

SECTION - I

- 1** Answer any **seven** out of ten : **14**
- (1) Give precursor for Reserpine, Quinine and vitamin A.
 - (2) Give physicochemical properties of Pista.
 - (3) Enlist natural allergens.
 - (4) Give B. S. and uses of Shilajit.
 - (5) Define antioxidants with examples.
 - (6) Give basic principle of Unani system of medicine.
 - (7) Define photosensitizing agents with examples.
 - (8) Define churna with example.
 - (9) How to prepare Bhasma ?
 - (10) Write biological source and uses of Punarnava.
- 2** Answer the following questions : **7**
- (1) Give general biosynthetic pathways for synthesis of fatty acid. How to synthesis atropine ?
 - (2) Write a note on aflatoxin. **6**

- 3** Answer the following questions :
(1) Write in detail about tridose theory of Ayurvedic System of medicine. 7
(2) Write a note on vati and gutika. 6
- 4** Answer the following questions :
(1) Write a short note on herbal cosmetics for skin care. 7
(2) Write about biosynthesis of cholesterol. 6

SECTION - II

- 5** Answer any two out of three : 14
(1) How to prepare asava and arishta ? Explain in detail about standardization parameter of it.
(2) Write vernacular name, botanical source, chemical constituents, ayurvedic properties and pharmacological uses of Chitrak and Shirish.
(3) Write a note on toxic plants.
- 6** Answer the following questions :
(1) Write a note on carotenoids as nutraceuticals. 7
(2) Write a note on Galo and Nagod. 6
- 7** Answer the following questions :
(1) Write in detail about shankhpushpi. 7
(2) Describe in detail about shikimic acid pathways. 6
- 8** Answer the following questions :
(1) Write basic principle, treatment and diagnosis of Homeopathy system of medicine. 7
(2) Write a note on mucuna a traditional drug. 6