



HEE-014-003709

Seat No. _____

M. P. M. (Sem. VII) Examination

November / December – 2017

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 Vitamin A, Quinine, Omega 3 -fatty acid and Morphine.
 - (2) Give physicochemical properties of Bhasma.
 - (3) Enlist natural allergens.
 - (4) Describe shilajit varieties as per different ancient literature of Ayurveda.
 - (5) Define probiotic and prebiotic with examples.
 - (6) Give basic principle of homeopathy system of medicine.
 - (7) Define photosensitizing agents with examples.
 - (8) Differentiate churna and kwath churna.
 - (9) How to prepare anagnitapata bhasma?
 - (10) Write biological source and uses of dhataki puspa.
- 2** Answer the following questions :
- (1) Give general biosynthetic pathways for synthesis of volatile oil. How to synthesise menthol? **7**
 - (2) Write a note on fungal toxin. **6**

- 3** Answer the following questions :
- (1) Write in detail about basic principle of Ayurvedic System of medicine. **7**
- (2) Write a note on Taila. and Ghrita. **6**
- 4** Answer the following questions :
- (1) Write a short note on herbal cosmetics. **7**
- (2) Write about biosynthesis of atropine and podophyllotoxin. **6**

SECTION - II

- 5** Answer any **two** out of three : **14**
- (1) How to prepare asava and arishta? Give standardization parameter of it.
- (2) Write vernacular name, botanical source, chemical constituents, ayurvedic properties and pharmacological uses of Muccuna and Nagod.
- (3) Write a note on controversial traditional drugs.
- 6** Answer the following questions :
- (1) Write a note on neutraceuticals. **7**
- (2) Write a note on Toxic plants. **6**
- 7** Answer the following questions :
- (1) Write in detail about Chitrak and Shirish. **7**
- (2) Describe in detail about shikimic acid pathways. **6**
- 8** Answer the following questions :
- (1) Write basic principle, treatment and diagnosis of Unani system of medicine. **7**
- (2) Write a note on fruit containing traditional drugs. **6**