



P-014-003709

Seat No. _____

M. P. M. / B. Pharm. (Sem. VII) Examination

November / December - 2018

BP-706 T : Pharmacognosy - V

Faculty Code : 014

Subject Code : 003709

Time : 3 Hours]

[Total Marks : 80

- Instructions :**
- (1) Answer any three from each section.
 - (2) Question 1 and 5 are compulsory.
 - (3) Figure to the right indicate marks.
 - (4) Draw neat and clean diagram when required.

SECTION – I

- 1** Answer any **seven** out of given ten questions : **14**
- (1) Justify the comment "Mucuna purins is a potent antiparkinsonism traditional drug"
 - (2) Write biological source and constituents of Shilajit.
 - (3) Draw morphology of Kalijiri with well labelled diagram.
 - (4) What is PUFA ? Give its importance.
 - (5) Define primary and secondary metabolites.
 - (6) Write biological source and uses of Nagod.
 - (7) Define Churna and enlist its standardization parameter.
 - (8) Define Vati and Gutica with Example.
 - (9) Write biological source of any two toxic plants.
 - (10) Write basic biosynthetic pathway for
(1) Menthol (2) Ergot (3) Quinine (4) Linoleic acid
- 2** Answer the following :
- (1) Discuss Basic pathway for biosynthesis of different aromatic amino acids. **7**
 - (2) Write note on Ayurvedic formulation "Bhasma" with its characteristics, preparation and evaluation. **6**
- 3** Answer the following :
- (1) Write a note on Hair care herbal cosmetics with examples. **7**
 - (2) Write note on "Herbs as functional food". **6**

- 4 Answer the following :
- (1) Discuss different plants which are used as Rasna. 7
 - (2) Write note on Asavas and Arista with its evaluation parameter. 6

SECTION – II

- 5 Answer any **two** out of three questions : 14
- (1) Discuss concept and principles of Ayurveda.
 - (2) Discuss biosynthesis of omega 3 fatty acids from acetyl co-enzyme A.
 - (3) Write Pharmacognostic note on Traditional drug Guduchi.
- 6 Answer the following :
- (1) Give Biological source, chemical constituents and uses of different plants under the name "Punanrnava". Differentiate satodo and satodi morphologically. 7
 - (2) Write a note on shankhpushpi. 6
- 7 Answer the following :
- (1) Discuss biosynthesis of Vitamin A from IPP and DMAPP as a precursor. 7
 - (2) Write a note on Controversial traditional drug Chitrak with its marketed formulation. 6
- 8 Answer the following :
- (1) Define Neutraceuticals. Give detail classification of neutraceuticals. 7
 - (2) Write note on natural allergens. 6