



JAP-1612040701070600 Seat No. _____

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

November - 2019

Pharmacognosy - VI

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) Write biological source and constituents of Malkangani.
 - (2) Write biological source and uses of Kalijiri
 - (3) Differentiate churna and kwath.
 - (4) Enlist evaluation parameter for Ayurvedic preparation Taila
 - (5) Write name of any four secondary metabolites biosynthesize from acetate mevalonate pathway.
 - (6) Write composition of trikatu churna with its biological source and uses.
 - (7) Differentiate asava and aristha.
 - (8) Draw diagram for basic theory of Unani system of medicine.
 - (9) Which are the different objectives of sodhana process in Ayurveda?
 - (10) Write source and uses of unorganised traditional drug.
- 2** Answer the following :
- (1) Write general biosynthetic pathway for alkaloids. **7**
 - (2) Discuss biosynthesis of carotenoids **6**

- 3 Answer the following :
- (1) Define Bhasma, give its preparation and enumerate standardization parameters for the same. 7
 - (2) Discuss siddha system of medicine with its diagnosis and treatments. 6

- 4 Answer the following :
- (1) Discuss plant based potent rasayana stem drug. 7
 - (2) Write note on traditional drug CHITRAK 6

SECTION - II

- 5 Answer any **two** out of three questions : 14
- (1) Discuss biosynthesis of DHA from acetyl co-enzyme A
 - (2) Write Pharmacognostic note on Traditional drug Punarnava
 - (3) Discuss concept and principles of Ayurveda.

- 6 Answer the following :
- (1) Discuss biosynthesis of Solanaceous Alkaloid. 7
 - (2) Write biological source and ayurvedic uses of Dhatakipushpa and Mucuna 6

- 7 Answer the following :
- (1) Write a note on controversial traditional drug Rasna with its marketed formulation 7
 - (2) Discuss composition and standardization parameters for triphala churna. 6

- 8 Answer the following :
- (1) Give biological source, family, active constituents and uses of different plants named as Shankpushpi 7
 - (2) What is Avaleha? Discuss the method of preparation and standardization of avaleha 6