



JBV-16120107010408000 Seat No. _____

M. P. M. (Sem. IV) (CBCS) (W.E.F. 2017) Examination

January - 2020

Pharmacognosy And Phytochemistry - I

Time : 3 Hours]

[Total Marks : 75

- Instructions :** (1) Figures to the right indicate marks.
(2) Draw neat and clean diagrams as required.

1 Answer following questions : 20

- (1) Comment on "Enzymes are work at specific temperature."
- (2) Give physicochemical properties of volatile oil.
- (3) Define and classify Tannins.
- (4) Differentiate Ayurvedic system of medicine and herbal medicine.
- (5) Write biological source of Acacia and Honey.
- (6) Differentiate organized drug and unorganised drug.
- (7) Give general test of alkaloids.
- (8) Explain the term teratogens.
- (9) Define Plant tissue culture.
- (10) Draw different type of trichomes with examples.

2 Answer the following questions : (Any Two) 20

- (1) Write short note on quantitative microscopy is an evaluation tool for herbal drugs.
- (2) Define cultivation of plant. Describe in detail about role of plant growth regulators in cultivation of plants.
- (3) Discuss in detail about edible vaccines.

3 Answer the following questions : (Any Seven)

35

- (1) Define Pharmacognosy. Discuss about history of Pharmacognosy.
- (2) Write a note on Animals as a source of drug.
- (3) Discuss in detail about chemical and pharmacological classification of crude drug.
- (4) Give B.S, C.C. and uses of castor oil and cotton.
- (5) What is role of Pharmacognosy in Homeopathy system of medicine?
- (6) Explain in detail about various methods of cultivation.
- (7) Define Resins. Classify it with suitable examples.
- (8) Write short note on novel medicinal agents from marine sources.
- (9) Define lipids. Write B.S, C.C. and Uses of beeswax.
