



**J-16120107010408000** Seat No. \_\_\_\_\_

**M. P. M. (Sem. IV) (CBCS) (W.E.F. 2017-18) Examination**

**June / July – 2019**

**BP - 405 (T) : Pharmacognosy and  
Phytochemistry - I (2017)**

Time : **3** Hours]

[Total Marks : **75**

**1** Answer the following questions : **10×2=20**

- (1) Define volatile oil. Give any two exclusive properties of it.
- (2) Define vein islet number and vein termination number.
- (3) Define plant hormone. Enlist five hormones.
- (4) Define and explain with example polyploidy.
- (5) Define and explain with example mutation.
- (6) Give source and chemical constituents of agar.
- (7) Enlist any two anticancer marine medicinal agents with its source.
- (8) Give one difference and one example of each organized and unorganized crude drug.
- (9) Give source and chemical constituents of castor oil.
- (10) Give source and chemical constituents of Cotton.

**2** Answer any **two** out of three questions : **2×10=20**

- (1) Define pharmacognosy. Discuss scope of pharmacognosy in detail.
- (2) Enlist and discuss in details different factor affecting cultivation of crude drugs.
- (3) Define crude drug. Discuss in detail different classification method of crude drug.

**3 Answer seven out of nine questions :  $7 \times 5 = 35$**

- (1) Define alkaloid. Give general identification test for alkaloid.
- (2) Define adulteration. Enlist method of adulteration and discuss any two methods with example.
- (3) Discuss in detail ayurvedic system of medicine with its concepts.
- (4) Write a short note on sources of crude drug.
- (5) Give biological source, chemical constituents and uses of Acacia and Tragacanth.
- (6) Define plant tissue culture. Give in detail application of plant tissue culture with examples.
- (7) Give biological source, chemical constituents and uses of wool fat and chaulmoogra oil.
- (8) Write a note on natural allergen.
- (9) Discuss in detail homeopathic system of medicine in detail.

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