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BP 405

Pharmacognosy and Phytochemistry (724405)

P. Pages : 1

Time : Three Hours

Max. Marks : 75

Instructions to Candidates :

1. Do not write anything on question paper except Seat No.
2. Graph or diagram should be drawn with the black ink pen being used for writing paper or black HB pencil.
3. Students should note, no supplement will be provided.
4. Figures to right indicate full marks.
5. Draw well labelled diagram wherever necessary.
6. All questions are compulsory.

1. Attempt all questions. 20
 - a) What is polyploidy?
 - b) Enlist evaluation methods of crude drugs.
 - c) What are plant hormones?
 - d) Give the preparation method of papain.
 - e) List out the factors influencing cultivation of medicinal plants.
 - f) Write Biological source and uses of Acacia.
 - g) Identification tests of alkaloids.
 - h) What do you mean by tetratogens?
 - i) How will you quantify reaf constants?
 - j) Give the uses of Gelatin and castor oil.

2. Attempt any two. 20
 - i) Explain in detail about applications of plant tissue culture in pharmacognosy.
 - ii) Write about role of pharmacognosy in ayurvedic and Unani system of medicine.
 - iii) Define pharmacognosy . Add a note on. scope and development of pharmacognosy.

3. Attempt any seven. 35
 - a) Write about Edible Vaccines.
 - b) Give the Biological source and uses of Jute with chemical constituents.
 - c) What are Glycosides? Give classification and identification tests of Glycosides.
 - d) Write about alphabetical and taxonomical method of classification of drugs.
 - e) Explain the factor which influences on cultivation of medicinal plants.
 - f) Write a note on pepsin.
 - g) What is adulteration & crude drugs? Write a note on it.
 - h) Write in short about mutation, of medicinal plants.
 - i) Give an account on organized and unorganized drugs.
