

C.U.SHAH UNIVERSITY

Summer Examination-2019

Subject Name : Pharmacognosy and Phytochemistry I - Theory

Subject Code : BP405T

Branch: B.Pharm

Semester : 4

Date : 26/04/2019

Time : 02:30 To 05:30

Marks : 75

Instructions:

- (1) Use of Programmable calculator & any other electronic instrument is prohibited.
- (2) Instructions written on main answer book are strictly to be obeyed.
- (3) Draw neat diagrams and figures (if necessary) at right places.
- (4) Assume suitable data if needed.

Q-1 Briefly explain the following: (20)

- | | | |
|----|-------------------|---|
| a) | Mucilages | 2 |
| b) | Oleo- gum -resins | 2 |
| c) | Dried extracts | 2 |
| d) | Mutation | 2 |
| e) | Unani medicine | 2 |
| f) | Teratogens | 2 |
| g) | Pharmacognosy | 2 |
| h) | Gums | 2 |
| i) | Hallucinogens | 2 |
| j) | Siddha medicine | 2 |

Attempt the following questions:

Q-2 Attempt any two of following : (20)

- | | | |
|---|---|----|
| A | Explain various factors influencing cultivation of medicinal plants | 10 |
| B | Explain in detail applications of plant tissue culture in pharmacognosy | 10 |
| C | Define secondary metabolites; Give two test for identification of Alkaloids, Glycosides, Flavonoids, Tannins, Volatile oil and Resins | 10 |

Q-3 Attempt any Seven of following : (35)

- | | | |
|---|--|---|
| A | Enlist seven novel medicinal agents with uses obtained from marine source. | 5 |
| B | Write a short note on Honey and Tragacanth | 5 |
| C | Explain Ayurveda and Chinese system of medicine | 5 |
| D | Explain lycopodium spore method and stomatal index | 5 |
| E | Write a short note on Papain and bromelain | 5 |
| F | Write a short note on Castor oil and Chaulmoogra Oil | 5 |
| G | Give the Biological source, cultivation, collection and method of preparation and uses of Agar | 5 |
| H | Explain in detail scope and development of Pharmacognosy | 5 |
| I | Give the classification of Crude drugs with examples | 5 |

