

Enrollment No: _____

Exam Seat No: _____

C. U. SHAH UNIVERSITY

Summer Examination-2022

Subject Name: Pharmacognosy - V

Subject Code: 4PS06COG5

Branch: B.Pharm

Semester: 6

Date: 07/05/2022

Time: 02:30 To 05:30

Marks: 70

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 Attempt the following questions: Each question carries 1 mark. Uses of the following. (14)
- | | | | | |
|---------------|-------------------|------------------|--------------|-----------|
| a) Chitrak | b) Methi | c) Bada Gokhru | d) Pipali | e) Musali |
| f) Apamarg | g) Bhringraj | h) Vaj | i) Bhilama | j) Majith |
| k) Kapikacchu | l) Dhatakipushpha | m) Beta Carotene | n) Punarnava | |

Attempt any four questions from Q-2 to Q-8

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|-----|---|---|---|
| Q-2 | a | Explain in detail distribution, chemistry and pharmacology of β - carotene | 7 |
| | b | Explain various concept of stereoisomerism in relation to natural compounds | 7 |
| | a | Give name, biological sources, morphology and active constituents of crude drug Guggul. | 7 |
| Q-3 | b | Give name, biological sources, morphology and active constituents of crude drug Madhunashini. | 7 |
| | a | Give name, biological sources, morphology and active constituents of crude drug Damvel. | 7 |
| Q-4 | b | Give name, biological sources, morphology and active constituents of crude drug Dhatakipushpha. | 7 |
| | a | Explain in detail Shilajit | 7 |
| Q-5 | b | Give biological sources, active constituents and uses of following
1) Ashoka 2) Galo | 7 |
| | a | Draw labelled diagram showing morphological and microscopical characters of Amla | 7 |
| Q-6 | b | Write in detail about isolation and estimation of Vitamin A | 7 |
| | a | Draw a neat labeled diagram of Nagod Leaf, alongwith its Botanical source | 7 |
| Q-7 | b | Write a note on Hemlock | 7 |
| | a | Draw labelled diagram showing morphological and microscopical characters of Punarnava | 7 |
| Q-8 | b | Draw labelled diagram showing morphological and microscopical characters of Shatavari | 7 |

