

Enrollment No: \_\_\_\_\_

Exam Seat No: \_\_\_\_\_

# C.U.SHAH UNIVERSITY

## Summer Examination-2019

Subject Name : Pharmacognosy-V

Subject Code : 4PS06COG5

Branch: B.Pharm

Semester : 6

Date : 29/04/2019

Time : 10:30 To 01:30

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) Punarnava                      b) Vaj                                      c) Bada Gokhru                      d) Bhilama                      e) Musali
- f) Apamarg                              g) Bhringraj                              h) Methi                              i) Pipali                              j) Kapikacchu
- k) Majith                                      l) Dhatakpushpha                              m) Beta Carotene                              n) Chitrak

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

- Q-2    a    Explain various concept of stereoisomerism in relation to natural compounds                      7  
       b    Enlist seven herbs and seven extract with it's uses in modern world                      7
- a    Give name, biological sources, morphology and active constituents of crude drug used as herbal antibiotic and immunity enhancer.                      7
- Q-3    b    Give name, biological sources, morphology and active constituents of crude drug used in treatment of diabetes.                      7
- a    Give name, biological sources, morphology and active constituents of crude drug used in treatment of respiratory disease condition.                      7
- Q-4    b    Explain in detail Shilajit                      7
- a    Explain in detail distribution, chemistry and pharmacology of Lycopene                      7
- Q-5    b    Give biological sources, active constituents and uses of following                      7  
       1) Aconite 2) Calotropis
- Q-6    a    Draw labelled diagram showing morphological and microscopical characters of Amla                      7  
       b    Write in detail about isolation and estimation of Vitamin A                      7
- Q-7    a    Draw a neat labeled diagram of Galo Leaf and Stem, alongwith its Botanical source                      7  
       b    Write a note on Fungal Toxins                      7
- a    Draw labelled diagram showing morphological and microscopical characters of Nagod Leaf                      7
- Q-8    b    Draw labelled diagram showing morphological and microscopical characters of Ashoka bark                      7

