

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

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

# C.U.SHAH UNIVERSITY

## Winter Examination-2021

**Subject Name: Pharmacognosy-IV**

**Subject Code: 4PS05COG4**

**Branch: B.Pharm**

**Semester: 5**

**Date: 20/12/2021**

**Time: 11:00 To 02:00**

**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** **(14)**  
**Give the uses of following:**

a) Hyocyamus	01
b) Withania	01
c) Tea	01
d) Opium	01
e) Catharanthus	01
f) Nux vomica	01
g) Pilocarpus	01
h) Ephedra	01
i) Coffee	01
j) Vasaka	01
k) Kurchi	01
l) Aconite	01
m) Datura	01
n) Cola	01

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

**Q-2** **(14)**  
**Attempt all questions**  
a) Classify various Alkaloids with suitable examples. **07**  
b) Describe biological sources, geographical sources, cultivation, collection and preparation of Tobacco in India. **07**

**Q-3** **(14)**  
**Attempt all questions**  
a) Write a note on Tea and Coffee. **07**  
b) Give general method of isolation of Alkaloids and explain identification tests for alkaloids. **07**



