

C.U.SHAH UNIVERSITY

Winter Examination-2015

Subject Name : PHARMACOGNOSY I

Subject Code : 4PS02COG1 Branch : PHARMACY

Semester : 2nd Semester B. Pharmacy Date : 23/11/2015 Time : 10:30 To 1:30 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 (14)

Define the following

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|-------------------------|----------------------------|-------------------|---------------|
| a) Androecium | b) Mutation | c) Adulteration | d) Calyx |
| e) Organized crude drug | f) Pharmacognosy | g) Tissue Culture | h) Stomata |
| i) Inflorescence | j) Unorganized crude drug | k) Palisade ratio | l) Polyploidy |
| m) Hybridization | n) Vein Termination Number | | |

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

- Q-2** a. Define the term Pharmacognosy; Write the scope & development of it. (7)
 b. Give the importance of Ayurvedic System of Medicine (7)
- Q-3** a. Define Crude drugs, classify them and explain chemical classification with suitable example. (7)
 b. Comment on types of soil. Which common fertilizers are used to maintain soil fertility? (7)
- Q-4** a. What do you mean by growth regulators? Write a short note on auxins. (7)
 b. Give the sources of crude drugs with suitable examples. (7)
- Q-5** a. Explain floral formula and draw floral diagram of Leguminosae with examples (7)
 b. Enumerate in detail importance of Herbal drugs in national economy (7)
- Q-6** a. Explain Chemical evaluation of crude drugs (7)
 b. Explain floral formula and draw floral diagram of Papaveraceae with examples (7)
- Q-7** a. Discuss different types of adulterant and its microscopic evaluations. (7)
 b. What are stomata? Write types of stomata & its functions. (7)
- Q-8** a. What are Trichomes? Write different types of trichomes and their function in plants. (7)
 b. Write the factors influencing cultivation of medicinal plants. (7)

