

C.U.SHAH UNIVERSITY

Summer Examination-2018

Subject Name: Pharmacognosy-III**Subject Code:** 4PS04COG3**Branch:** B.Pharm**Semester:** 4 **Date:** 08/05/2018**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 one mark. 14

Define the following

- a) Cathartic b) Bufadenolides c) Purgative d) C-Glycoside e) Flavonoids

Give the Uses of following Crude Drugs

- f) Rutagraveolans g) Quillaia h) Gentian i) Squill j) Sarsapilla k) Turmeric
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- l) Ammi majus m) Aloe n) Almond

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

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| Q-2 | a | Give the biological source, macroscopic and microscopic features, chemical constituents and uses of Liquorice | 7 |
| | b | Method of preparation of Cape and Curacao aloe. | 7 |
| Q-3 | a | Give the biological source, chemical constituents, uses and allied drugs of Quassia wood | 7 |
| | b | Classify enzymes by different methods. Enumerate pharmaceutical uses of enzymes. | 7 |
| Q-4 | a | Give biological source, cultivation, collection, method for preparation, chemical constituents and uses of Black catechu | 7 |
| | b | Define tannins. Classify tannins with suitable examples. Write in detail about general chemical tests of tannins. | 7 |
| Q-5 | a | Write Botanical sources, Family, Chemical constituents, uses of ginseng | 7 |
| | b | Draw neat and well labelled morphological and microscopical diagram of Linseed | 7 |
| Q-6 | a | Write biological source, method of preparation and uses of Diastase | 7 |
| | b | Write in short on cultivation, collection and storage of Senna. | 7 |
| Q-7 | a | Give the common name, biological source, chemical constituents and uses of a drug belonging to Coumarin glycoside class and is used in the treatment of leucoderma | 7 |
| | b | Give the biological source, macroscopic and microscopic features, chemical constituents and uses of Ginger | 7 |
| Q-8 | a | Give the biological source, macroscopic and microscopic features, chemical constituents and uses of Digitalis | 7 |
| | b | Give the common name, biological source, chemical constituents and uses of a drug belonging to Bitter glycoside class and is used in the treatment of Jaundice | 7 |

