

C.U.SHAH UNIVERSITY

Winter Examination-2018

Subject Name : Pharmacognosy III

Subject Code : 4PS04COG3

Branch: B.Pharm

Semester : 4

Date : 02/11/2018

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 carried 1 Mark 14

Define the following

- a) Purgative b) Cathartics c) Flavonoids d) Cardiotonic e) Laxative

Give the Uses of following Crude Drugs

- f) Ginger g) Myrrh h) Strophanthus i) Squill j) Cascara k) Senega
l) Jalap m) Quillaia n) Gambir

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

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| Q-2 | a | Give the biological source, method of preparation and uses of Papain | 7 |
| | b | Give the B.S, chemical constituents and uses of Kalmegh | 7 |
| | a | Give biological source, chemical constituents, uses and discuss detailed microscopic characters of Ginger with appropriate diagrams. | 7 |
| Q-3 | b | Give biological source, chemical constituents, uses and discuss detailed macroscopy characters of Digitalis with appropriate diagrams. | 7 |
| | a | Give biological source, cultivation, collection, method for preparation, chemical constituents and uses of Black catechu | 7 |
| Q-4 | b | Give biological source, chemical constituents, uses and discuss detailed microscopic characters of Liquorice with appropriate diagrams. | 7 |
| | a | Differentiate Bitter almond and Sweet almond | 7 |
| Q-5 | b | Differentiate between <i>Ammi majus</i> and <i>Ammi visnaga</i> | 7 |
| | a | Give the B.S, chemical constituents and uses of Cassia bark | 7 |
| Q-6 | b | Write biological source, family, chemical constituents, discuss detailed microscopic characters and uses of Linseed. | 7 |
| | a | Classify glycosides with suitable examples. Explain in brief saponin glycoside | 7 |
| Q-7 | b | Give biological source, chemical constituents, uses and discuss detailed microscopic characters of Quassia with appropriate diagrams. | 7 |
| | a | Give biological source, chemical constituents, uses and discuss detailed microscopic characters of Picrorrhiza with appropriate diagrams. | 7 |
| Q-8 | b | Give the biological source and uses of Diastase and Pepsin | 7 |

