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Subject Code: B4102/R10 IV B.Pharmacy I Semester Supplementary Examinations Nov. - 2016 PHARMACOGNOSY-III

Time: 3 hours

Max. Marks: 75

Answer any FIVE Questions All Questions carry equal marks * * * * *

 (a) Define the term Ash values. (b) How ash values are determined and are helpful in identification of adulterants in crude drugs. 	
	[2+13]
2. (a) Discuss the general methods of extraction of crude drugs.	
(b) Explain the role of Infra Red spectroscopy in characterisation of crude drugs.	[12+3]
3. (a) Explain the applications of GLC and TLC techniques in identification of	[12+3]
Phytoconstituents in crude drugs with examples.	
(b) Name the different types of adsorbents used in TLC.	
(() Define the terms Tetine terms	[13+2]
4. (a) Define the term Totipotency.(b) Discuss the Batch culture and continuous culture with diagrams.	
(b) Discuss the Daten culture and continuous culture with "diagrams.	[2+13]
5. Write the biological source, constituents and uses of	
 (a) Shatavari (b) Amla (c) Gokhru 	
(b) Amla (c) Gokhru	
	[5+5+5]
6. (a) Discuss the principles of Indian system of Medicine.	
(b) Elaborate the Preparation of Churna and Lehya with examples.	50 (03
7. (a) Classify neutraceuticals.	[3+12]
(b) Discuss the role of Soya bean and Royal jelly as neutraceuticals.	
	[3+12]
8. Discuss the current scenario on herbal medicines and herbal cosmetics in India.	F 4 F -
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