

**Subject Code: B2203/R10**

**II B.Pharmacy II Semester Supplementary Examinations, April - 2018**

**PHARMACOGNOSY – II**

**Time: 3 hours**

**Max. Marks: 75**

Answer any FIVE Questions  
All Questions carry Equal Marks

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1. a) Enlist the Anthraquinone Glycosides and write the systemic pharmacognostic study of Senna.  
b) Write biological source, chemical constituents, and uses of following crude drugs  
i) Senega                      ii) Strophanthus                      iii) Cascara                      iv) Chirata                      [7+8]
2. a) What are quinoline and Isoquinoline alkaloids? Write the pharmacognostic study of Ipecac.  
b) Explain in detail pharmacognostic study of Ephedra.                      [8+7]
3. a) What are Tannins and classify them? Write the biological source, chemical constituents and uses of Arjuna Bark and Gambir.  
b) Write in detail pharmacognostic study of myrobalan.                      [8+7]
4. a) Write the biological source, chemical constituents, and uses of Balsam of Tolu and Benzoin.  
b) Write in detail pharmacognostic study of Podophyllum.                      [8+7]
5. a) Write the preparation, identification and uses of Papain.  
b) Write biological source, chemical constituents, and therapeutic uses of Trypsin and Pepsin.                      [7+8]
6. a) Write the biosynthesis of Steroids.  
b) What is precursor for the production of tropane alkaloids? Explain the synthesis of them.                      [8+7]
7. a) Write the biological source, chemical constituents, and uses of Rauwolfia and Aswagandha.  
b) Write the systematic study of Vinca.                      [8+7]
8. a) Write the advantages and disadvantages of Natural dyes when compared to synthetic dyes.  
b) Write the importance and applications of Natural dyes in pharmacy.                      [7+8]

