

Code No: B132203

**R13****SET - 1****II B. Pharmacy II Semester Supplementary Examinations, Nov - 2018****PHARMACOGNOSY-II**

Time: 3 hours

Max. Marks: 70

Note: 1. Question Paper consists of two parts (**Part-A** and **Part-B**)2. Answering the question in **Part-A** is Compulsory3. Answer any **THREE** Questions from **Part-B****PART -A**

1. a) What are anthraquinone glycosides? Give examples. Write their identification tests. (4M)
- b) Write in brief on chemistry of ergot alkaloids. (4M)
- c) Write a note on chemical tests for alkaloids. (3M)
- d) Write method of preparation of diastase. (4M)
- e) Write tests used for evaluation of fibers. (3M)
- f) Write a note on radio-labeling for study of biosynthesis. (4M)

**PART -B**

2. a) What are cardiac glycosides? Classify them. Write methods used for extraction and isolation of cardiac glycosides. (8M)
- b) Write in detail on source, cultivation, collection and chemistry of Dioscorea. (8M)
3. Write in detail on pharmacognosy of (16M)  
(a) Rhubarb (b) Psoralea
4. a) Write in detail on Cinchona. (8M)
- b) With a neat sketch explain microscopy of Senna and digitalis leaf. (8M)
5. a) What are resins? Classify them with examples. Write in brief on their biological significance and identification tests. (8M)
- b) Explain pharmacognosy of benzoin. (8M)
6. Explain the method of preparation, identification, evaluation and uses of (16M)  
(a) Pepsin (b) trypsin
7. a) Explain the biosynthesis of opium alkaloids. (10M)
- b) Write in detail on turmeric. (6M)