

SET- I

Subject Code: B132203/R13

II B.Pharmacy II Semester Supplementary Examinations, April - 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 Compulsory,3. Answer any **THREE** Questions from **Part-B**

PART-A

1. (a) What are bitter and saponin glycosides? Give examples.
- (b) Discuss the specific tests to identify alkaloidal drugs with examples.
- (c) Write chemical tests for Gambir and Black catechu.
- (d) Write the preparation method for Papain.
- (e) Name the precursors for the production of tropane and indole alkaloids.
- (f) How will you differentiate absorbent cotton and non absorbent cotton? [3+4+4+4+4+3]

PART-B

2. (a) What are bitter glycosides and systemic pharmacognosy of Psoralea?
- (b) Write biological source, chemical constituents, therapeutic uses of Glycyrrhiza and Rhubarb. [8+8]
3. (a) What are tropane alkaloidal drugs? Write a pharmacognostic study of Datura.
- (b) Write biological source, chemical constituents, therapeutic uses of vinca and Aswagandha. [8+8]
4. (a) Write in detail pharmacognostic study of Arjuna bark.
- (b) Write biological source, identification tests, chemical constituents, therapeutic uses of Benzoin and myroblan. [8+8]
5. (a) Write the preparation, identification and uses of pepsin.
- (b) Write biological source, preparation, therapeutic uses of Diastase and pancreatin. [6+10]
6. (a) Describe in detail Schikimic acid pathway. Write the importance in biogenesis of secondary Metabolites.
- (b) Explain the biosynthesis of tropane alkaloids. [8+8]
7. (a) Write the preparation, chemical tests and uses of jute.
- (b) Write a pharmacognostic study of Cotton. [8+8]
