

Code: 9R01503

B.Pharm III Year I Semester (R09) Supplementary Examinations June 2018

**PHARMACOGNOSY – II**

(For 2009 (LC), 2010, 2011, 2012 regular &amp; 2011 (LC), 2012, 2013 lateral admitted batches only)

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions  
All questions carry equal marks

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- 1 Explain the detailed pharmacognostic characters of the following drugs including microscopy, macroscopy and chemical tests.
- 2 (a) Explain in detail the life cycle of ergot.  
(b) Discuss the general chemical tests for alkaloids.
- 3 (a) What are tannins and classify them discuss about myrobalan.  
(b) Write the general chemical tests for tannins.
- 4 (a) What are resins and classify them?  
(b) Explain in detail about the Tolu balsam and Benzoin.
- 5 Write the biological source, preparation methods and uses of:  
(a) Trypsin.  
(b) Pancreatin.
- 6 Name the plants used as natural dyes. Describe about the B.S, family chemical constituents and uses of any two plants containing natural dyes.
- 7 Discuss about the acetate-mevalonate pathway and name various secondary metabolites synthesized through the pathway.
- 8 Discuss about the source, description and uses of:  
(a) Talc.  
(b) Kieselguhr.

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