

Code: R7422306

**R7**

B.Tech IV Year II Semester (R07) Supplementary Examinations, March/April 2013

**PHYTOCHEMICALS & HERBAL MEDICINE**

(Biotechnology)

Time: 3 hours

Max Marks: 80

Answer any FIVE questions  
All questions carry equal marks

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- 1 Write short note on:
  - (a) Scope and importance of crude drugs.
  - (b) Collection and processing of crude drugs.
- 2 Write about uses of medicinal plants. Explain role of genetics in medicinal herbs cultivation.
- 3 Explain secondary metabolic production from potential herbs withania somnifera and Andrographis paniculata.
- 4 Give an account on:
  - (a) Physical and chemical drug evaluation.
  - (b) Microbiological methods.
- 5 Explain about the drug adulteration.
- 6 Write note on volatile oil and its extraction methods.
- 7 Give an account on:
  - (a) Flavonoids.
  - (b) Taxus.
- 8 Explain applications and importance of biopesticides.

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