

Question Paper

Exam Date & Time: 29-Nov-2017 (02:00 PM - 05:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

MANIPAL COLLEGE OF PHARMACEUTICAL SCIENCES END SEMESTER THEORY EXAMINATIONS - NOVEMBER 2017

PROGRAM: MPHARM SEMESTER 1

DATE: 29/11/2017

TIME: 2:00PM - 5:00PM

Advanced Pharmacognosy I [PCO-MPG102T]

Marks: 50

Duration: 180 mins.

Answer all the questions.

Answer the following (5 marks x 8 = 40 marks)

- 1) Give a detailed account of Traditional plant growth regulators (5)
- 2) Enlist the marine anti-inflammatory drugs and their source. Add a note on marine sponges (5)
- 3) Discuss on the various methods of disease prevention (5)
- 4) Give the source and structure of any five marine cardio vascular drugs. (5)
- 5) Give an account of Fat soluble vitamins (5)
- 6) Discuss briefly functional foods, PUFA, probiotics, prebiotics and dietary fibers with examples (5)
- 7) Give the chemistry, isolation and uses of Limonoids (5)
- 8) Define minerals as dietary supplement. Add a note on major and trace minerals as Nutraceuticals (5)

Answer the following with specific answers (2 marks x 5 = 10 marks)

- 9) Mention the functions of National Pharmacovigilance Centre (2)
 - A)
 - B) Define Herbal medicines as per the WHO Glossary (2)
 - C) What is Adverse reaction as per Glossary of WHO (2)
 - D) (2)

Define Pharmacovigilance and enlist its goals

E)

Comment on Green tea as nutraceutical

(2)

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