

Question Paper

Exam Date & Time: 04-Dec-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 I

DATE : 04-12-2017

TIME : 2:00PM - 5:00PM

Intellectual Property Rights [PMA-MPD104T]

Marks: 50

Duration: 180 mins.

Answer all the questions.

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

- 1) Explain Patent filing process in India. (5)
- 2) Describe various types of patent search. (5)
- 3) What is meant by Patent Revocation? Under what circumstances a patent can be revoked in India? (5)
- 4) Give a brief account of Budapest Treaty citing its purpose. (5)
- 5) Write a short note on broad and narrow patent claims. (5)
- 6) Discuss various types of licenses under licensing agreements. (5)
- 7) What is the purpose of Trademark? Write about collective and certificate marks. (5)
- 8) Write about direct, indirect and contributory infringement. (5)

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

- 9) What is data exclusivity? (2)
 - A)
 - B) Provisional patent application and Complete specification. (2)
 - C) What are the objectives of Patent Cooperation Treaty? (2)
 - D) Can Patents be used as a business tool? Justify your answer. (2)
 - E) Write about criteria for patenting. (2)

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