

Time: 07-Dec-2018 (02:00 PM - 05:00 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

Manipal Academy of Higher Education, Manipal MPharm Theory End-Semester Examinations.  
Specialization: Pharmaceutical Administration and Industrial Pharmacy (PMA MPD104T / PMA-MIP104T)

Date: 07-12-2018

Intellectual Property Rights [PMA-MIP104T]

Marks: 75

Duration: 180 mins.

### SECTION - A

Answer all the questions.

Answer the following (10 marks x 5 = 50 marks)

- 1) What are the advantages of using Patent Cooperation Treaty by business organizations? Discuss steps involved in PCT application process. (10)
- 2) Discuss importance of patent search. Explain various types of patent search. (10)
- 3) Enumerate different types of claims on the basis of drafting, invention, field and structure. Explain claims on the basis of invention and field with an example of each. (10)
- 4) Schematically explain patent filing process in India. (10)
- 5) Describe what is meant by patent infringement? Add a detail note on various types of patent infringement. (10)

### SECTION - B

Answer all the questions.

Answer the following (5 marks x 5 = 25 marks)

- 6) Write about revocation of patents. (5)
- 7) What are the different types of licensing agreements? Briefly outline. (5)
- 8) Write a short note on Trademarks, including collective and certificate marks. (5)
- 9) What is meant by technology transfer? Briefly discuss. (5)
- 10) How patent is used as a business tool? Explain using an example. (5)

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