

Department of Pharmaceutical Technology
Jadavpur University, Kolkata-700032.

M.Pharm (Industrial Pharmacy)/ 1st year/ 1st Sem/Time 3 hrs/ FM 75/ 2024-25
Course: Intellectual Property Rights Code: MIP104T

Q1. Answer the following questions (Question 1 is Compulsory) 10x2M=20 Marks

- a. Define Generics with examples.
- b. Give some names of CRO in India.
- c. Give the time period of trademark protection.
- d. Define IPR.
- e. Give some examples of IPR.
- f. In which year and by how many countries was GATT signed?
- g. Write two differences between GATT and WTO?
- h. What are the main trade barriers for GATT?
- i. When was Trade mark act carried out?
- j. Define geographical indication of Goods.

Long Answer Questions 2 x 10Marks = 20Marks (Answer 2 out of 3)

- Q2. Write in details the procedure to get patent.
- Q3. Differentiate biologics and biosimilars with examples. Discuss in details the need for regulation on biosimilars.
- Q4. Write history, role and functions of WIPO to promote and protect intellectual property (IP).

Short Answer Question 7 x 5Marks = 35Marks
(Answer 7 out of 9)

- Q5. Define CRO. Give its functions.
- Q6. Write short note on CDSCO & NPPA.
- Q7. Give the types of pharmaceutical patents.
- Q8. Give the requirements for patentability (both patentable and non patentable)
- Q9. Discuss requirements for TRIPS.
- Q10. Discuss how rights are prevented through Patent and Trade mark act?
- Q11. Discuss on copyright act?
- Q12. Write about different GATT rounds.
- Q13. What are the regulatory requirements for contract research organization?