

**Total No. of Pages : 02**

**M.Code : 75770**

**Max. Marks : 60**

**2. Each question carries TWELVE marks.**

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| Q1. | Discuss in detail the origin and development of Patent system in India from pre independence to post independence regime.            | 12 |
| Q2. | a. Discuss the copyrights, its advantages and disadvantages with examples. Does software program of computers falls under copyright? | 6  |
|     | b. What is the importance of trademarks as IPR? Can biotechnology field be covered under Trademark?                                  | 6  |
| Q3. | a. Discuss the role of WIPO in IPRs.   | 6  |
|     | b. Under which IPR Plant varieties are protected Nationally and internationally? Discuss their benefits and drawbacks.               | 6  |
| Q4. | a. Discuss the basic criterion for patentability. What is non-obviousness?   | 6  |
|     | b. What is infringement of patent? What steps are taken if there is an infringement of patent?                                       | 6  |
| Q5. | a. With the help of flow diagram describe the process of patent filing.  | 6  |
|     | b. Write notes on :  |    |
|     | i. Compulsory licensing  | 3  |
|     | ii. Exclusive marketing rights   | 3  |

- Q6. a. Define Biosafety. Why is biosafety required and its importance in relation to human health? 6
- b. What are the various Biosafety levels in microbial labs and mention their importance? 6
- Q7. Discuss the various regulatory bodies and laws which govern the research involving DNA molecule at National level. 12
- Q8. a. Discuss the difference between Biopiracy and Bioethics. 6
- b. Discuss the ethical issues in healthcare. 6

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**NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.**