

2071

B.Sc. (Hons.) Biotechnology

Sixth Semester

BIOT- Sem-VI-V-T: Intellectual Property Rights and Ethical Issues in Biotechnology and Entrepreneurship

Time allowed: 3 Hours

Max. Marks: 90

NOTE: Attempt five questions in all, including Question No. 1 which is compulsory and selecting one question from each Unit.

x-x-x

I. Attempt the following:

- a) Conditions of patentability
- b) Compulsory licensing
- c) Software copyright
- d) Significance of UPOV
- e) Geographical indication
- f) Types of entrepreneurs

(6x3)

UNIT I

II. a) What is the significance of Intellectual property rights. Discuss various forms of IPRs.

b) What is patent of addition? Discuss how Indian patent law differs from the law constituted in 1856?

(18)

III. a) Discuss the procedure of obtaining the patent in India. Enlist rights of the patent holder.

b) Explain trade related aspects of intellectual property rights. Write its principles and IPRs covered in it.

(18)

UNIT II

IV. a) What are copyright authorities? What is considered an infringement of copyright? Write remedies for it.

b) Discuss Design act 2000. Explain piracy and registration of industrial design.

(18)

V. a) How trademark can be registered. What is the difference between a trademark and registered trademark

b) What is licensing? Explain the conditions under which a compulsory license is issued.

(18)

UNIT III

VI. a) What is Budapest treaty. Give examples of IDA.

b) Discuss various ethical and moral issues regarding patenting in biotechnology?

(18)

P.T.O.

(2)

- VII. a) What is Convention on Biological Diversity? Discuss the principles and objectives of CBD.
b) Write components of patent specification? Differentiate between complete and provisional specification. (18)

UNIT IV

- VIII. a) What is Entrepreneurship? What is the difference between an Entrepreneur and Intrapreneur?
b) What are various initiatives taken by the government to promote woman entrepreneurship in India? (18)
- IX. a) Discuss the lifecycle of a product with the help of an example.
b) Enlist basic regulations of excise applicable in India. (18)

x-x-x