

(i) Printed Pages : 3

Roll No.

(ii) Questions : 9

Sub. Code :

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Exam. Code :

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**B.Sc. (Hons.) Biotechnology 6th Semester
(2056)**

**INTELLECTUAL PROPERTY RIGHTS AND ETHICAL
ISSUES IN BIOTECHNOLOGY AND ENTREPRENEURSHIP**

Paper : BIOT-605-T

Time Allowed : Three Hours]

[Maximum Marks : 90

Note :— Attempt **five** questions in all. Question No. 1 is compulsory.
Select **one** question from each unit.

1. (a) What is a complete specification?
- (b) What is a compulsory and voluntary license?
- (c) What is fair use of copyrights?
- (d) What is CBD and its significance?
- (e) What is Women Entrepreneurship?
- (f) What is product line design?
- (g) What is criteria of patentability?
- (h) What is passing off trademark?
- (i) What is a GI tag?

2×9

UNIT-I

2. (a) What are rights of a patentee in India? Discuss few inventions which cannot be patented in India.
- (b) Write notes on:
- (i) International phase of PCT
 - (ii) Patent infringement. 9,9
3. (a) Highlight different steps in patent filing/grant procedure in India.
- (b) Write notes on:
- (i) Injunctions in patent litigation
 - (ii) Importance of Intellectual property rights. 9,9

UNIT-II

4. (a) Discuss registration of Industrial designs in India.
- (b) What is copyright piracy?
- (c) What is a trademark and its importance? 6,6,6
5. Write notes on the following:
- (a) Criteria for protection of Industrial designs
 - (b) Trademark classes
 - (c) Categories of copyright protection. 6,6,6

UNIT-III

6. (a) What is different biotechnology-based product and process claims?
- (b) What are the basic principles of UPOV?
- (c) What are ethical aspects of biotechnology patenting? 9,4,5

7. (a) Discuss depository considerations of biotechnology patents.
(b) What role MTA plays in transfer of biotechnology?
(c) What is the significance of patent literature search? 6,6,6

UNIT-IV

8. (a) Explain product development with suitable examples.
(b) What is Entrepreneurship? How woman entrepreneurship can be encouraged? 9,9
9. (a) How successful biotechnology business plan can be developed?
(b) How Government ensures growth of MSMEs in India? 9,9