Reg. No. : ....

Name : ....

III Semester M.Sc. Degree (C.B.C.S.S. – OBE – Reg./Supple./Imp.) Examination, October 2025
(2023 Admission Onwards)
BIOTECHNOLOGY
Open Elective Course
MSBTC 03 O01 : Intellectual Property Rights

Time : 3 Hours　　　　　　　　　　　　　　　　　　　　　Max. Marks : 40

SECTION – A

Answer **any five** questions. **Each** question carries **2** marks.

1. What can be registered as trademark ? How it differs from GI ?

2. It is difficult to obtain a biotechnology patent. Why ?

3. What is the period of registration as a plant patent, under the PPV and FR Act ?

4. Describe the significance of Madrid agreement.

5. What do you mean by Prior art ?

6. Describe the role of FDA.　　　　　　　　　　　　　　　　　　**(5×2=10)**

SECTION – B

Answer **any three** questions. **Each** question carries **4** marks.

7. A Scientist wants to apply for patenting his research work. Can you give him an awareness about the requirements that are essential for his innovation ?

8. Is there any need to promote and protect intellectual property rights. Discuss.

9. How will you proceed to file a patent infringement case ?

10. A researcher recently discovered a new form of an already known alkaloid. Is it patentable ? Justify your answer.

11. How will you differentiate the patentable and non patentable matters ? **(3×4=12)**

SECTION – C

Answer **any three** questions. **Each** question carries **6** marks.

12. Analyse the salient features of the Indian patent act 1970 with special reference to its amendments after TRIPs agreement. Discuss its impact on pharmaceutical invention in India.

13. Patent law is an important form of intellectual property law. How does the emerging technologies and future challenges in biotechnology influence patent law ? Explain.

14. 'Patent licencing has certain advantages; however it has its own risks and limitations'. Analyse the statement.

15. Patent is a legal monopoly that promotes economic growth and international trade. Evaluate.

16. Explain the filing procedure for obtaining a patent in India. Analyse the situations in which the patent can be revoked or opposed. **(3×6=18)**

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