

S.No. 3109

16 SCCBT 9

(For candidates admitted from 2016–2021 batch)

B.Sc. DEGREE EXAMINATION, NOVEMBER 2023.

Part III — Biotechnology — Major

IPR AND BIOETHICS

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20)

Answer ALL Questions

1. Copyright
2. WIPO
3. Patent infringement
4. Patent litigation
5. Budapest treaty
6. Trade secret
7. Non-maleficence

8. Cloning
9. Biowarfare
10. Biopiracy

SECTION B — (5 × 5 = 25)

Answer ALL Questions, Choosing either (a) or (b)

Draw Diagrams Wherever Necessary

11. (a) Mention the importance of IPR.

Or

- (b) Differentiate copy right and trademark with example.

12. (a) Briefly discuss the timeframe and cost of patenting.

Or

- (b) How do you get financial assistance for patenting?

13. (a) Expand GATT. What are the key takeaways?

Or

- (b) What is Indian Patent Act 1970? What is the advantage of it?

14. (a) Define Bioethics. What are the four principles of bioethics?

Or

- (b) What is the role of bioethics in medical-drug testing?

15. (a) Write a brief note benefits and risks of genetic engineering.

Or

- (b) Write a note on GMO's.

SECTION C — (3 × 10 = 30)

Answer any THREE questions

16. Explain in detail the role of WIPO.
17. Discuss in detail the patent filing procedures.
18. Write in detail about IPR Agreements.
19. Give a detailed account on framework for ethical decision making.
20. Differentiate Reproductive and Therapeutic cloning.