

E 2073

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Reg. No.

Name.



UNDERGRADUATE (C.B.C.S.S.) EXAMINATION, APRIL 2018

Fifth Semester

Open Course – IPR AND PATENTS

(Offered by the Expert Committee for B.Sc. Biotechnology)

[2013 Admission onwards]

Time : Three Hours

Maximum Marks : 80

Part A

Answer all questions.

Each question carries 1 mark.

1. What is a layout design?
2. Explain 'Biocontainment'.
3. What is a trade secret?
4. What is biopiracy?
5. Write about importance of Indian Design Act.
6. What is patent litigation?
7. Write about license agreement.
8. What is criminal infringement?
9. Expand TRIPS.
10. Where is Indian Patent Head Office situated?

(10 × 1 = 10)

Part B

Answer any eight of the following.

Each question carries 2 marks.

11. Write about Indian Patent Act.
12. Write a note on plant variety protection.
13. Give an account on enforcement of IPR.
14. Write a note on WTO.
15. Explain plant breeders rights.
16. How can we transfer copyright?
17. What are geographical indicators?

Turn over

18. Mention rights of a patentee.
19. What is a software copyright?
20. Explain biosafety level IV.
21. Explain Biodiversity.
22. Write about registration of copyrights.

(8 × 2 = 16)

Part C

Answer any six of the following.

Each question carries 4 marks.

23. Write a note on IPR laws.
24. Comment on patenting of biological products.
25. Write a note on copyright infringement and exceptions to infringement.
26. Write a note on biosafety practices to be adopted in a lab with DNA research.
27. Comment on significance of patents in an International perspective.
28. What are Farmer's rights? Explain how farmer's rights can be protected.
29. Give an account on special guidelines in India for DNA research.
30. Write a note on Budapest treaty.
31. Comment on issues associated with patenting of turmeric.

(6 × 4 = 24)

Part D

Answer any two of the following.

Each question carries 15 marks.

32. Describe general guidelines for DNA research. Comment on the effectiveness of guidelines.
33. Explain procedure for obtaining patents. What are the conditions for patentability?
34. Write about influence of TRIPS on Indian patent law.
35. Write an account on different types of Intellectual properties.

(2 × 15 = 30)