

E 7259

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Reg. No.....

Name.....

UNDERGRADUATE (C.B.C.S.S.) EXAMINATION, APRIL 2019

Fifth Semester

Open Course—IPR AND PATENTS

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

[2013–2016 Admissions]

Time : Three Hours

Maximum Marks : 80

Part A

Answer all questions.

Each question carries 1 mark.

1. Mention a genetically modified crop cultivated in India.
2. Explain Role of HEPA filter.
3. Write about Genetic engineering appraisal committee.
4. Mention term of a patent in India.
5. What is a patentable invention ?
6. Explain biosafety level 4.
7. What is a trademark ?
8. Write about Patent head office in India.
9. Explain novelty of research.
10. Explain 'patentee'.

(10 × 1 = 10)

Part B

Answer any eight questions.

Each question carries 2 marks.

11. Explain importance of plant variety protection.
12. What is a license agreement ?
13. Mention the purpose of patents.
14. Explain importance of diligence in patents.
15. What is a trade secret ?
16. Explain the concept of originality.

Turn over

17. What is copyright infringement ?
18. Write about licensing of intellectual property.
19. Differentiate product patent and process patent.
20. Write about copyright authorities.
21. Give an account of Indian patent Act.
22. Mention importance of guidelines for DNA research.

(8 × 2 = 16)

Part C

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

23. Discuss the importance of Budapest treaty.
24. Explain how IPR can be protected.
25. Write about Patent infringement and exceptions to infringement.
26. Explain copyright registration procedure.
27. Write a note on remedies against IPR infringement.
28. Explain Plant breeders rights.
29. Write about software copyright.
30. Write an account on IPR laws.
31. Explain role of TRIPS in patent system.

(6 × 4 = 24)

Part D

*Answer any two questions.
Each question carries 15 marks.*

32. Give an account of biotechnology patents and patenting of biological products.
33. Explain biosafety practices special guidelines for DNA research in India.
34. Explain the procedure for obtaining patents.
35. Write an account on different types of intellectual properties.

(2 × 15 = 30)