



NP – 273

IV Semester Degree Examination, July/August 2024

(NEP)

BIOTECHNOLOGY (Open Elective)

OE – 4 : Intellectual Property Rights

Time : 2½ Hours

Max. Marks : 60

Instruction : All Parts are compulsory.

PART – A

I. Answer **any four** of the following.

(4×2=8)

- 1) What is a trade secret ?
- 2) Give a short note on GATT.
- 3) List the differences between product patent and process patent.
- 4) What is meant by 'prior art' ?
- 5) Give two examples of trademarks.
- 6) Write about the rights of reproduction in copyrights.

PART – B

II. Answer **any four** of the following.

(4×5=20)

- 7) Write a brief note on plant variety protection.
- 8) Describe the significance of 'TRIPS' in intellectual property rights protection.
- 9) Distinguish between patent and geographical indication.
- 10) Give a brief note on patent databases.
- 11) Write about protection of trademarks.
- 12) Explain about copyrights.

P.T.O.



PART – C

III. Answer **any four** of the following.

(4×8=32)

- 13) Explain the role of WTO and WIPO in IPR.
 - 14) Discuss the scope and applications of IPR.
 - 15) Write in detail about different types of patents.
 - 16) Give an account on patenting of Neem and Turmeric.
 - 17) What is the significance of IPR in protection of industrial designs ?
 - 18) Discuss the types, functions and purpose of trademarks.
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