

M.Sc. (Micro) Semester - 4 (CBCS) Examination
August/September -2020 [NEW COURSE]
Research Methodology, IPR and Biosafety (Core)

Time: 2:00 Hours

Marks: 56

Instructions:

1. Figures to the right indicate marks.
2. There are five questions in the question paper.
3. Answer any four of the following questions.

Que-1 Answer the following

- A. Write a short note on hypothesis testing [07]
B. Explain geographical indication and industrial design [07]
OR

Que-1 Answer the question

1. Write about intellectual property. [14]

Que-2 Answer the following

- A. Write a short note on Ps of relevance to biotechnology [07]
B. Explain protection of new GMOs [07]
OR

Que-2 Answer the question

1. Write in detail about types of patent applications. [14]

Que-3 Answer any fourteen out of sixteen questions (Each of one marks)

[14]

1. What is data validation?
2. What is plagiarism?
3. What is copyright?
4. What is a trademark? Give its example
5. What is TRIPS agreement?
6. Write a full form of GATT and WTO
7. What is geographical indication?
8. Differentiate mentor and mentee.
9. What is biosafety? Write its importance.
10. Write a full form of GMO and GETAC
11. Enlist applications and disadvantages of GMOs
12. What is risk analysis?
13. Give examples of transgenic animal and transgenic plants.
14. What is a research proposal?
15. What is a research scheme?
16. How would you manage risk in case of the environmental release of GMOs?

Que-4 Answer the following

- A. Write a short note on review writing [07]
B. Explain risk associated with environmental release of GMOs [07]
OR

Que-4 Answer the question

1. Discuss in detail : Types of scientific research [14]

Que-5 Answer the following

- A. Write a short note on funding and its role. [07]
B. Explain different biosafety guidelines [07]
OR

Que-5 Answer the question

1. Write a detail note on biosafety regulations [14]
