

M.Sc. (Zoology) Semester - 4 (CBCS) Examination
Oct/Nov -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.
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Que. 1 Answer the Following. (14)

- (A) Write in detail about plagiarism.
(B) Describe Research problem, Aims, Objectives and paper writing.

Or

Describe Mentoring and mentor-mentee responsibility with details.

Que. 2 Answer the Following. (14)

- (A) Describe fundamentals of patents, trademarks, copyright & Related Rights.
(B) Explain international patenting-requirement, procedures and costs.

Or

Write short note on : Patent.

Que. 3 Answer any fourteen out of sixteen. (14)

- (1) What is plagiarism?
- (2) Which precessions you will take to avoid plagiarism?
- (3) Mention any three important responsibilities of mentee.
- (4) Why data validation is important?
- (5) What is Multivariate analysis?
- (6) What do you mean by intellectual property right?
- (7) What are the fundamentals of trademarks?
- (8) List basic procedures/steps for patent.
- (9) Why review of related literature is mandatory before taking up any research?
- (10) What is the importance of research proposal writing?
- (11) What are the characteristics of a good review?
- (12) What is biosafety?
- (13) Why biosafety is important?
- (14) How can we strengthen biosafety?
- (15) Explain environmental release of GMOs.
- (16) What are the applications of GMO in food and agriculture?

Que. 4 Answer the Following. (14)

- (A) Write about research scheme and research proposal writing.
(B) Describe review writing..

Or

Describe National and international funding agency and its role.

Que. 5 Answer the Following. (14)

- (A) Describe biosafety fundamentals.
(B) Describe biosafety regulation.

Or

Write short note on: transgenic animals and plants.
