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**GIET UNIVERSITY, GUNUPUR – 765022**

M. Sc. (Second Semester) Examinations, September - 2021

Sub. Code – 20BTPC206**Sub. Name: Research Methodology and Scientific Communication Skills****MSc Biotechnology**

Time: 2 hrs

Maximum: 50 Marks

(The figures in the right hand margin indicate marks.)**PART – A**Q.1. Answer **ALL** questions**(2 x 10 = 20 Marks)**

- Define empirical research?
- What do you mean by experimental research?
- Define deductive reasoning?
- Write on four characteristics of a good mentor?
- Define ethical value?
- What do you mean by effective communication?
- Define verbal communication?
- Write two importance of body language?
- What is Plagiarism?
- What do you mean by hybrid journals?

PART – B (6 x 5 = 30 Marks)Answer ANY FIVE the questions

Marks

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| 2 Explain the process of scientific method? | 6 |
| 3 Describe the characteristics of effective communication? | 6 |
| 4. Explain in details on various barriers to effective communication? | 6 |
| 5. Write on hidden web and its importance in scientific research? | 6 |
| 6 What is peer review? Write on types of peer review and its importance? | 6 |
| 7. Describe the different forms of plagiarism? | 6 |
| 8. Explain the different ways of publishing open access? | 6 |

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