GIET UNIVERSITY, GUNUPUR – 765022

M. Sc. (Second Semester) Examinations, July – 2023

22BTPC206 - Research Methodology and Scientific Communication Skills
(Biotechnology)

Time: 3 hrs   Maximum: 70 Marks

(The figures in the right hand margin indicate marks.)

PART – A   (2 x 10 = 20 Marks)

Q.1. Answer *ALL* questions

		CO #	Blooms Level
a.	Explain on importance of reasoning in research.	1	2
b.	Define descriptive science.	1	3
c.	What are the qualities of a good mentor?	1	1
d.	Write on importance of body language.	2	1
e.	Why recognition of cultural differences is importance?	2	2
f.	What are the benefits of the deep web?	2	3
g.	Define ethical issues.	3	2
h.	What are the common problems of paper publication?	3	1
i.	Why should you avoid plagiarism?	4	2
j.	Write on different types of abstracts.	4	2

PART – B   (10 x 5 = 50 Marks)

Answer *ANY FIVE* questions

		Marks	CO #	Blooms Level
2. a.	What are the difference between inductive and deductive reasoning?	5	1	1
b.	Explain the FINERMAPS.	5	1	1
3.a.	How a lab note is maintained?	5	1	1
b.	What are the different methods of effective research communication?	5	2	2
4. a.	What are the parts of scientific communication?	5	2	2
b.	How do you create value in conversation?	5	2	1
5.a.	Describe the different types of communication.	5	2	2
b.	What are the barriers and strategies to effective verbal communication?	5	3	2
6. a.	Illustrate on presentation skills.	5	3	1
b.	How to make a Power Point Presentation?	5	3	3
7.a.	Explain hidden web and its importance in scientific research?	5	4	2
b.	Write in details on web browsing for information search.	5	4	3
8. a.	Explain internet as a medium of interaction between scientists.	5	4	1
b.	What are the different ways of publishing articles?	5	4	3

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