

Mid-West University
Examinations Management Office
Final Examinations-2082

Bachelor level/ B.Sc./VII Semester
Time: 3 hrs.
Subject: Scientific Communication (SCT475)

Full Marks: 60
Pass Marks: 30

Candidates are required to give their answer in their own words as far as practicable. The figures in the margin indicate full marks.

Group A

Long Answer Questions (Attempt ALL)

[4 x 6 =24]

1. Discuss various means and methods of scientific communications with relevant examples. [6]
2. Give the meaning of poster presentation? Discuss the key principle of effective poster presentation. [1+5= 6]
3. Discuss the process of crafting a research proposal. Highlight the guidelines of writing topic introduction and research objectives in the proposal. [2+2+2=6]
4. Define blogging? Discuss about the key features of blogging. [1+5= 6]

OR

Why the writing of research report is important? Elaborate various components of reports. [2+4=6]

Group B

Short Answer Questions (Attempt ALL)

[6 x 4 =24]

5. What is scientific communication, and why is it important in research? [1+3= 4]
6. What are the essential features of effective scientific writing? [4]
7. What do you mean by power point presentation skills? What makes a presentation effective? [4]
8. What does organizing data and results in scientific writing refer to? Highlight the important points of organizing data for analysis. [4]
9. What is research question and how do you create research questions in scientific research? [1+3= 4]

OR

Describe storytelling techniques that scientists can use to communicate complex ideas to non-specialists

10. How the social media roles in modern scientific communication? Give examples. [4]

Group C

Very Short Answer Questions (Attempt ANY SIX)

[6 x2= 12]

11. Why a scientist needs to learn scientific communication skills?
12. What does IMRaD stand for? Draw a hourglass diagram and label.
13. Mention any four advantages of poster presentations.
14. What is the purpose of using graphs in posters?
15. Define the term 'peer review'. How it benefits the author?
16. How tables differ with diagram? Give two points.
17. What is critical thinking means? Give an example.
18. What are the potential sources of research problem identification?

The End