


Name:			
Enrolment No:			
UPES End Semester Examination, December 2023			
Course: Scientific Writing		Semester: 3rd	
Program: Int.(B.Sc.+M.Sc.(N&D)(CR))(MICRO))		Time : 03 hrs.	
Course Code: HSCC2019		Max. Marks: 100	
Instructions:			
SECTION A (20Qx1.5M=30Marks)			
S. No.		Marks	CO
Q 1	Write the full form of PubMed.	1.5	CO1
Q 2	What are the primary goals of scientific writing?	1.5	CO3
Q 3	Write the importance of oral presentation in science communication.	1.5	CO4
Q 4	Explain the importance of clarity and precision in scientific writing.	1.5	CO1
Q 5	Explain the role of social media in science communication.	1.5	CO5
Q 6	How can scientists use social media to collaborate and network with their peers?	1.5	CO5
Q 7	How can you effectively structure the introduction section of a research paper?	1.5	CO1
Q 8	Write the difference between PMID & PMCID.	1.5	CO1
Q 9	How can students ensure that group work and collaborative projects are plagiarism-free?	1.5	CO2
Q 10	Discuss the importance of peer review in maintaining the quality and integrity of scientific publications.	1.5	CO4
Q 11	How can you address potential conflicts of interest in research?	1.5	CO1
Q 12	Discuss the role of editor in manuscript processing.	1.5	CO5
Q 13	Write two differences between editorial and prospective.	1.5	CO2
Q 14	What are the ethical implications of self-plagiarism in scientific writing?	1.5	CO3
Q 15	How can students and researchers educate themselves about plagiarism and its prevention?	1.5	CO1
Q 16	Define research ethics and its importance in scientific research.	1.5	CO1
Q 17	Discuss why generally we don't write materials and methods in review article?	1.5	CO1
Q 18	What are the key elements of a well-constructed scientific argument?	1.5	CO1
Q 19	What are the best practices for citing social media content in scientific writing?	1.5	CO3
Q 20	Discuss the significance of transparency and reproducibility in research.	1.5	CO4
SECTION B (4Qx5M= 20 Marks)			
Q 1	How can researchers handle issues related to authorship disputes?	5	CO1
Q 2	Discuss the advantages and disadvantages of using social media for science communication.	5	CO1

Q 3	What is scientific communication? Discuss the role of electronics media in scientific communication.	5	CO2
Q 4	Describe the responsibilities of editors in the peer-review process and their role in maintaining publication standards.	5	CO3
SECTION-C (2Qx15M=30 Marks)			
Q 1	Discuss the key components of a research paper and explain how they contribute to effective scientific communication. Analyze the ethical challenges in animal research and the importance of following ethical guidelines.	15	CO4
Q 2	Discuss the responsibilities of researchers in promoting the responsible conduct of research and its significance for scientific integrity. Elaborate on strategies for addressing conflicts of interest in research and ensuring transparency.	15	CO2
SECTION-D (2Qx10M=20 Marks)			
Q 1	Explain the potential consequences of plagiarism for academic and professional careers and the reputation of researchers.	10	CO1
Q 2	Explain how authors determine the order of authorship in multi-author papers, taking into account contributions and authorship guidelines.	10	CO5