


Name:			
Enrolment No:			
UPES End Semester Examination, December 2024			
Course: Research and Publication Ethics Program: BSc. (I) Chemistry/Physics/ Maths Course Code: PHYS4006		Semester: VII Time: 03 hrs. Max. Marks: 100	
Instructions: <ul style="list-style-type: none"> Do not write anything on the QP except your name and roll number. Use of scientific calculator is allowed Attempt all the parts of QP in one place only Internal choice is available in Q9 and Q11 			
SECTION A (5Qx4M=20Marks)			
S. No.		Marks	CO
Q 1	What is ethics and how does it apply to the research involving human participants ?	4	CO1
Q2	Explain how ethical values transform human moral behavior and thoughts.	4	CO3
Q3	Discuss the relationship between ethics and compliance?	4	CO2
Q4	Give the meaning and consequences of duplicate and overlapping publications.	4	CO1
Q5	What ethical issues should be considered when collecting new data online?	4	CO1
SECTION B (4Qx10M= 40 Marks)			
Q6	Write a note on predatory publishers and journals. Also mention the steps to identify predatory publishers and journals.	10	CO1
Q7	How do standard ethical practices for research vary among academic disciplines in the social and behavioral sciences?	10	CO2
Q8	Explain the meaning of Authorship and Contributor ship in research work ethics. Give one example.	10	CO2
Q9	What Is Meant by “Privacy” and “Confidentiality,” in context of research ethics. Is There a Difference? Comment.	10	CO1
OR			

	Write a note on contemporary plagiarism tools. What are the three methods to provide text citations in your research paper and avoid plagiarism?		
SECTION-C (2Qx20M=40 Marks)			
Q 10	<p>a. How does the misrepresentation of data affect the results and conclusion of research? Explain with an example.</p> <p>b. What Is the Difference Between Written and Verbal Informed Consent, and When can verbal, informed consent be used?</p>	10+10	CO3
Q11.	<p>Discuss the various Ethical issues raised by deception in research. When is it ethically acceptable to use deception?</p> <p style="text-align: center;">OR</p> <p>Write the chronology of historical events that led to the formation of research ethical committees worldwide. What was the immediate impact of these guidelines on contemporary research?</p>	20	CO2