

Name:			
Enrolment No:			
<b>UPES</b> <b>End Semester Examination, December 2023</b>			
<b>Course: Research and Publication Ethics</b> <b>Program: MSc. Chemistry and MSc. Physics</b> <b>Course Code: PHYS8021</b>		<b>Semester: III</b> <b>Time: 03 hrs.</b> <b>Max. Marks: 100</b>	
<b>Instructions:</b>			
<b>SECTION A</b> <b>(5Qx4M=20Marks)</b>			
S. No.		Marks	CO
Q 1	Define salami slicing in research publication. How it is against the research ethics?	4	CO1
Q2	Explain H-index and i10 index. How will you calculate H-index for an author?	4	CO3
Q3	Write a note on the reference management tools. How are they superior as compared to the traditional methods of reference listing?	4	CO2
Q4	Differentiate between the fabrication and falsification of research data.	4	CO1
Q5	Write a note on how the predatory publishers compromise the quality of research.	4	CO1
<b>SECTION B</b> <b>(4Qx10M= 40 Marks)</b>			
Q6	Differentiate between the indexing databases and citation databases.	10	CO1
Q7	Explain the meaning of redundant publications with the help of suitable examples.	10	CO2
Q8	Explain whether the H-index or the total number of citations of an author is a better criterion of impactful research.	10	CO2
Q9	Write a note on the different types of plagiarism. Which is the most common type of plagiarism?  <b>OR</b>  Define public funded research? Give examples of the various funding agencies which fall under this category.	10	CO1

**SECTION-C**  
**(2Qx20M=40 Marks)**

Q 10	a. Differentiate between normative ethics and meta ethics with an example. b. Write a note on plagiarism checking software. How does it ensure that the publication ethics are fulfilled?	<b>10+10</b>	<b>CO3</b>
Q11.	a. Comment on the statement “Open access publishers may not always be predatory publishers”. b. Give various steps to identify a predatory publisher? Write a note on the ethical guidelines to be adopted if an author is found to engage in predatory publishing.  <b>OR</b> Define ethics and define its various dimensions. Also discuss in detail the nature of moral judgements and reactions.	<b>20</b>	<b>CO3</b>