

K. J. Somaiya Institute of Technology, Sion, Mumbai-22
(Autonomous College Affiliated to University of Mumbai)

May – June 2025

PhD Program: Academic Year 2024-25
Course Work Examination

Course Code: **PhD104** and Course Name: **Research and Publication Ethics (RPE)**
Date: 23-05-2025 Duration: 2.00 PM to 3.30 PM Max. Marks: 40

Instructions:

- (1) All questions are compulsory.
- (2) Draw neat diagrams wherever applicable.
- (3) Assume suitable data, if necessary.

	Question	Max. Marks	CO	BT Level
Qu-1	Solve any FIVE questions out of Eight .	10		
i)	What is predatory publishing?	2	CO4	2
ii)	Define the terms: a) Epistemology b) Ethics	2	CO1	1
iii)	What is h-index and what are the limitations of h-index?	2	CO6	2
iv)	How to resolve authorship issues?	2	CO3	2
v)	What do you understand by publication misconduct?	2	CO5	2
vi)	Explain Philosophy in research.	2	CO6	2
vii)	What is salami slicing in academic publishing, and why is it considered an unethical practice?	2	CO2	2
viii)	What is the need of Indexing Databases?	2	CO6	2
Qu-2	Solve any FOUR questions out of SIX .	20		
i)	What is ethics in publication of research? What are common ethical issues in research publication?	5	CO3	2
ii)	Describe the resources used to check the publisher copyright and self-archiving policies.	5	CO4	2
iii)	What is impact factor? How will you calculate it? What are disadvantages of impact factor?	5	CO6	2
iv)	What are the areas where both plagiarism and copyright infringement overlap? Explain the situation when plagiarism can become a criminal offence.	5	CO3	2

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v)	What are the key features and functionalities of open-source plagiarism detection software tools, and how do they compare to commercial solutions like Turnitin?	5	CO5	2
vi)	Discuss the role of ethics in research.	5	CO1	2
Qu-3	Solve any ONE .	10		
i)	What is a conflict of interest? Which interest may collide rather than cooperate? What is the proper first interest of a scientist?	10	CO2	2
ii)	What is SNIP (Source Normalized Impact per Paper)? How is it different from other journal impact measures, and why is it helpful when comparing journals from different subject areas?	10	CO6	2
