

Register No.: ..... Name: .....

**SAINTGITS COLLEGE OF ENGINEERING (AUTONOMOUS)**

(AFFILIATED TO APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY, THIRUVANANTHAPURAM)

**Ph.D. COURSEWORK EXAMINATION , MAY 2024****Course Code : 21GN200****Course Name: RESEARCH AND PUBLICATION ETHICS****Max. Marks : 60****Duration: 3 Hours*****(Answer any two full questions from each part)*****PART A**

1. a) What fundamental questions does philosophy seek to answer? (4)  
b) Describe the boundaries that define the scope of philosophical inquiry? (5)
2. a) How can you implement intellectual honesty and research integrity in your research? (4)  
b) Define the term 'Salami Slicing' and explain why it is considered unethical? (5)
3. a) How do selective reporting and misrepresentation of data impact the reliability of research findings? (4)  
b) What insights do theories about the nature of moral judgments, offer regarding ethical assessments? (5)

**PART B**

4. a) What is the main purpose and mission of COPE in the realm of publication ethics? (4)  
b) Explain the various forms of publication misconduct. (5)
5. a) Prepare a checklist to identify fake journals. (4)  
b) How can researchers and authors identify and avoid submitting their work to predatory journals? (5)
6. a) How would you define the criteria for authorship in a research publication, and why is clear authorship important for transparency and accountability? (4)  
b) Comment on the process of complaints and appeals against publication misconduct. (5)

**PART C**

7. a) With the help of suitable examples, describe conflicts of interest. (6)  
b) Explain falsification, fabrication and plagiarism issues in research publications, with the help of case studies. (6)
8. a) Describe any two citation databases. (6)  
b) Define impact factor of a journal and explain how it can be calculated. (6)
9. a) Mention any two prominent plagiarism softwares and explain the features available with these softwares to help research publication. (6)  
b) With the help of suitable example, explain h-index and i10-index. (6)

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