

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

**SAINTGITS COLLEGE OF ENGINEERING (AUTONOMOUS)**

(AFFILIATED TO APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY, THIRUVANANTHAPURAM)

**Ph.D. COURSE WORK EXAMINATION , DECEMBER 2022****Course Code: 21GN200****Course Name: RESEARCH & PUBLICATION ETHICS****Max. Marks : 60****Duration: 3 Hours*****(Answer any two full questions from each part)*****PART A**

1. a) Explain the nature of moral judgement with a suitable example (4.5)  
b) Mention various do's and don'ts of duplicate publication. (4.5)
2. a) Explain how integrity in research is important for both individual and institutional researcher. (4.5)  
b) Within the scope of Philosophy, explain the terms 'Ethics' and 'Aesthetics'. (4.5)
3. a) Define Ethics. Mention five ethical principles common across scientific disciplines. (4.5)  
b) Explain why simultaneous submission of research articles in journals is a problem. (4.5)

**PART B**

4. a) Explain the importance of publication ethics with an example. (4.5)  
b) Explain the concept of open access publication with examples of open access publishers. (4.5)
5. a) Write a note on predatory publishers and journals. Also mention the harm that is created by predatory journals. (4.5)  
b) With the help of suitable examples, how can SHERPA help researchers? (4.5)
6. a) Define Authorship. Explain what you understand by disclosure of individual contributions. (4.5)  
b) What is Open Access Publishing and explain its advantages. (4.5)

**PART C**

7. a) Explain any TWO software tools used for checking plagiarism. (6)  
b) Mention the advantages and disadvantages of using the impact factor as a tool to measure the quality of a journal. (6)

8. a) Define conflicts of interest and explain its various types. (6)  
b) Explain how databases and research metrics are useful in evaluating the publications. (6)
9. a) Define h-index, g-index and i10 index. (6)  
b) Explain what action authors, researchers and reviewers should take when they encounter conflict of interest? (6)

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