

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

**SAINTGITS COLLEGE OF ENGINEERING (AUTONOMOUS)**

(AFFILIATED TO APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY, THIRUVANANTHAPURAM)

**Ph.D. COURSEWORK EXAMINATION , DECEMEBR 2023****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) Explain how philosophy influences ethics. (4)  
b) Discuss the nature of moral judgement with suitable examples. (5)
2. a) In what ways does ethical consideration play a crucial role in scientific research? (4)  
b) Explain the scope of philosophy in terms of metaphysics, epistemology, ethics, and aesthetics. (5)
3. a) Describe redundant publications and their impact on scholarly research? (4)  
b) What ethical considerations surround the concept of FFP (Falsification, Fabrication and Plagiarism) in academics and research? (5)

**PART B**

4. a) How does WAME contribute to the development and maintenance of editorial standards in medical journals? (4)  
b) Describe conflict of interest with an example. (5)
5. a) Explain the concept of open access publication with examples of open access publishers. (4)  
b) How would you define a predatory publisher or journal, and what characteristics set them apart from legitimate scholarly publications? (5)
6. a) What steps should journal publishers and researchers take to ensure accurate and fair attribution of authorship and contributorship in multi-authored publications? (4)  
b) Describe how a journal finding tool can be used to identify merits of journals? (5)

**PART C**

7. a) Explain the concept of Informed Consent. (6)  
b) Describe indexing databases. (6)
8. a) What do you mean by impact factor of a journal? Mention the advantages and disadvantages of using the impact factor as a tool to measure the quality of a journal. (6)  
b) Define h-index and i10-index with a suitable example. (6)
9. a) Summarize any two software tools used for checking plagiarism. (6)  
b) Describe any two citation databases. (6)

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