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**GANDHI INSTITUTE OF ENGINEERING AND TECHNOLOGY, ODISHA, GUNUPUR
(GIET UNIVERSITY)**

Ph.D. (Hort.) PSMA (First Semester – Regular) Examinations, December – 2025

RME 602 – Research and Publication Ethics

(Horticulture)

Time: 2 hrs

Maximum: 50 Marks

Answer ALL questions

(The figures in the right hand margin indicate marks)

PART – A

(2 x 5 = 10 Marks)

Q.1. Answer <i>ALL</i> the questions	CO #	Blooms Level
a. Why is research ethics necessary in PhD research? Give valid reasons.	CO1	K2
b. What measures can be adopted to reduce plagiarism while writing a research paper?	CO5	K3
c. Why has gift authorship become increasingly prevalent in research publications nowadays?	CO3	K4
d. How can a researcher identify whether a journal is predatory? Mention reliable indicators.	CO4	K3
e. Why does publication misconduct occur within academic institutions? Provide two strong reasons.	CO5	K2

PART – B

(6x 5=30 Marks)

<u>Answer ANY SIX questions</u>	CO #	Blooms Level
2. Describe your own past experiences in publishing research, and explain how you ensured ethical practices throughout the publication process.	CO1	K5
3. What important criteria should a researcher consider when selecting a suitable journal for publishing their research work?	CO2	K3
4. Describe the various types of research articles commonly prepared by researchers in agricultural sciences.	CO2	K2
5. What are the various steps in Publication process?	CO2	K2
6. Explain the key digital tools available for detecting plagiarism, verifying image authenticity, and assessing journals for predatory practices.	CO5	K4
7. What are the different models of Open Access publishing, and how do they contribute to wider dissemination of agricultural research?	CO4	K3
8. Scientific misconduct is commonly categorized into three major forms. Explain the three ways in which scientific misconduct occurs in research, supported with relevant examples.	CO3	K4
9. What are the essential qualities of a good researcher?	CO1	K1

PART – C

(10x 1 = 10 Marks)

Answer **ANY ONE** question

	CO #	Blooms Level
10. Describe the IMRAD format of a research article. Explain the purpose of each section of IMRAD with simple examples from agricultural research, and show how IMRAD helps in better clarity and organization of scientific writing.	CO2	K3
11. What are predatory journals? Discuss their major characteristics and explain why publishing in such journals can negatively affect a researcher's academic career, credibility, and the integrity of agricultural science.	CO4	K5
12. Critically examine the role of global ethical guidelines (COPE, WAME, ICMJE, EQUATOR Network) in maintaining publication standards. Illustrate how these guidelines prevent unethical authorship practices, manage conflicts of interest,	CO3	K6

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