

Ph.D. Coursework Examination, July 2023

PHYSICS

Course II: Research and Publication Ethics (CPE – RPE)

Time:02 Hours

Max. Marks:35

Instructions:

- 1) Answer all the questions.
- 2) Part A: Questions 1-8 carries 8 /7 marks each.
- 3) Part B: Questions 9-12 carries 3 /2 marks each.

PART A

1. a) Explain the nature and scope of philosophy.
b) Elucidate nature of moral judgments. (5+3)

(OR)

2. a) What is ethics? List the important ethical requirements for researchers.
b) Explain research integrity. (5+3)
3. Discuss on falsification, fabrication and plagiarism. (07)

(OR)

4. a) Elucidate on duplicate and overlapping publications.
b) Explain the ethical conventions of publications. (5+2)
5. Discuss on Predatory journals and conflict of interest in research. (08)

(OR)

6. a) Explain the significance of SHERPA/RoMEO online resources.
b) Write a note on Journal Finder tools. (5+3)
7. a) Explain the ethical issues in Indian science.
b) Comment upon the methods of complaints and appeals against publication misconduct. (4+3)

(OR)

8. a) Explain SNIP, SJR and cite score.
b) Write a note on h-index and i10-index. (4+3)

Part B

9. Explain salami slicing. (3)

(OR)

10. Write a note on Citation databases (3)
11. Explicate open access publications. (2)

(OR)

12. Write a note on Turnitin software tool. (2)
