

BTCW-II

Ph.D Course Work Examinations, July-2023

BIOTECHNOLOGY

Course-II: Research and Publication Ethics

Time: 2 hours

Marks: 35

Instructions: *All sections are compulsory*

SECTION-A

Answer any **TWO** of the following questions in about one and half page each. (2x5=10)

1. Define Philosophy, explain about its nature and scope.
2. What are three scientific misconducts, and explain why does research misconduct need to be Prevented.
3. Explain about best practices for publishing ethics.

SECTION-B

Answer any **ONE** of the following questions in about three pages. (1x10=10)

4. Discuss about ethics with respect to science and research.
5. Explain in detail about importance of authorship and contributor ship in scientific publications.

SECTION-C

Answer any **One** of the following questions in about four pages. (1x15=15)

6. Discuss in detail about different types of conflict of interest. Add a note on its management.
7. Explain in brief about: Salami slicing, redundant publication, predatory journals, self-plagiarism, peer-review system with a suitable example.
