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**APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY**

**Ph.D COURSEWORK EXAMINATION, AUGUST 2022**

**RESEARCH AND PUBLICATION ETHICS**

*Answer any two full questions from each part*



Max. Marks: 60

Duration: 3 hours

**PART A**

1. a. Explain how philosophy influences ethics? 4  
b. Explain ethics with respect to science and research? 5
2. a. How can you implement intellectual honesty and research integrity in your research? 5  
b. How do you prevent salami slicing in research? 4
3. a. As researcher, what do you need to know about scientific misconducts? 4  
b. What is redundant publication in research? What are the consequences of duplicate submission of a manuscript to different journals? 5

**PART B**

4. a. Explain the definition, importance and introduction of publication ethics? 5  
b. What is WAME in research ethics? What is COPE guidelines on publication ethics? 4
5. a. How do you identify publication misconduct? 4  
b. What is conflict of interest and how a researcher should avoid this in publication and research activities? 5
6. a. How to use a journal finding tool to identify the merits of journals? 5  
b. How do Universities and research institutions benefit from open access? 4

**PART C**

7. a. Write about complaints and appeals in publication misconduct with examples. 6  
b. Explain about citation and indexing databases 6
8. a. How can you measure the impact of your research? 6

- b. Write about plagiarism softwares in research? 6
- 9. a. What are altmetrics and its benefits? 6
- b. Explain (1) h-index (2) g-index (3) i10 index 6