

Total No. of Questions: 6

Total No. of Printed Pages:3

Enrollment No.....



Faculty of Arts, Humanities and Social Science /
Commerce / Engineering / Management Studies
/ Pharmacy / Science

End Sem (Even) Examination May -2022

MU6RD01 Research and Publication Ethics

Programme: Ph.D.

Branch/Specialisation: All

(Course Work).

Duration: 3 Hrs.

Maximum Marks: 60

Note: All questions are compulsory. Internal choices, if any, are indicated. Answers of Q.1 (MCQs) should be written in full instead of only a, b, c or d.

- Q.1 i. _____ is the rational attempt to formulate, understand, and answer fundamental questions. **1**
(a) Research (b) Philosophy
(c) Ethics (d) All of these
- ii. Diligent and systematic inquiry or investigation into a subject in order to discover facts or principles is called _____. **1**
(a) Research (b) Paradigm (c) Ontology (d) None of these
- iii. _____ is any intellectual work or product used for a business purpose that can be classified as belonging to that business provided it is not based on information in public domain. **1**
(a) Business logo (b) Trade secret
(c) Copyright (d) All of these
- iv. Designs patents are valid for a maximum of _____ years, renewable for a further _____ years. **1**
(a) 10,5 (b) 7,3 (c) 8,2 (d) 5, 10
- v. What is the main primary selection criteria of journals for manuscript submission? **1**
(a) Journal's area (b) Review Policy
(c) Editorial Board (d) None of these

P.T.O.

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- vi. In research paper, if any individual who has contributed to the study in one or more of these ways or some other way but does not meet the authorship criteria can be mentioned in the: **1**
 (a) Acknowledgements (b) Reference
 (c) Author profile (d) All of these
- vii. Open access _____ an online database providing free access to the full text of research papers and other types of material: **1**
 (a) Journal (b) Repository (c) Library (d) None of these
- viii. The best-known open access resource for legal research is the _____, which contains a repository of full text research papers in law and other social science disciplines. **1**
 (a) SSRN (b) ISSN (c) ISBN (d) ISCM
- ix. In scientific communication, authors not only cite others' works but also cite their own works earlier authored by themselves. This phenomenon is known as: **1**
 (a) Self-citation (b) Owner citation
 (c) Co-citation (d) None of these
- x. It is a simple method of counting total citations received by an earlier published article, with data obtained from a citation database. **1**
 (a) Citation Network (b) Citation count
 (c) Cited Half Cycle (d) All of these
- Q.2 i. Explain the difference between research and paradigm shift. **2**
 ii. How the ethics is different from philosophy? **3**
 iii. Describe the definition and branches of philosophy. **5**
 OR iv. What are different approaches of ethics? **5**
- Q.3 i. What is salami slicing? **2**
 ii. Explain types of scientific misconducts in research publication. **8**
 OR iii. Explain the types of industrial Property IPR with examples. **8**
- Q.4 i. What are predatory publishers and journals? **3**
 ii. Explain process of research with all phases. **7**

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- OR iii. How the authorship is different from contributor ship? Explain types of unethical authorship. **7**
- Q.5 i. What are Conflicts of interest and author responsibility? **4**
 ii. Describe the different models of open access publishing. **6**
 OR iii. Explain functions and purposes of COPE & WAME. **6**
- Q.6 Attempt any two:
 i. What is citation? Explain types of citation. **5**
 ii. Explain any five terms which is used as research evaluation metrics. **5**
 iii. Explain Plagiarism Detection techniques. **5**

Scheme of Marking



Faculty of Engineering End Sem (Even) Examination May-2022 MU6RD01 Research and Publication Ethics		
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(Course Work).		

Note: The Paper Setter should provide the answer wise splitting of the marks in the scheme below.

Q.1	i)	(b) Philosophy	1
	ii)	(a) Research	1
	iii)	(b) Trade secret	1
	iv)	(a) 10, 5	1
	v)	(a) Journal's area	1
	vi)	(a) Acknowledgements	1
	vii)	(b) repository	1
	viii)	(a) SSRN	1
	ix)	(a) self-citation	1
	x)	(a) Citation Network (c) Citation count	1
Q.2	i.	Two approaches -General normative ethics, Applied ethics (2 x 1 marks) =2 marks	2
	ii.	Three differences (3 x 1 marks) = 3 marks	3
	iii.	Definition (2 Marks) , Types (3 marks)	5
OR	iv.	Tpes of approach – 2 marks, definition & explanation – 3 marks	5
Q.3	i.	Definition (1 marks), Explanation (1 marks)	2
	ii.	Four scientific misconducts (2 x4 =8)	8
OR	iii.	Four industrial IPR (2 x4 =8)	8
Q.4	i.	Definition (1 marks) Explanation (2 Marks)	3
	ii.	7 phases (1 x7)	7
OR	iii.	Difference (3 marks), Types (4 marks)	7

Q.5	i.	Conflicts of interest – 2 marks, author responsibility- 2 marks	4
	ii.	3 models of Open access publishing (3 x 2 marks= 6)	6
OR	iii.	functions and purposes of COPE – 3 marks, functions and purposes of WAME. - 3 marks	6
Q.6			
	i.	What Is citation – 1 mark, types- 4 marks	5
	ii.	five terms (1 marks x 5 terma) = 5 marks	5
	iii.	Five palagrism detection technique = (5 x 1 marks)= 5 marks	5
