

Total No. of printed pages = 2

PG/1st Sem/PFET 101

2021

RESEARCH METHODOLOGY AND IPR

Full Marks – 100

Time – Three hours

The figures in the margin indicate full marks
for the questions.

Answer any *five* questions.

1. (a) What do you mean by research? Discuss about different types of research. 10
(b) What is a research problem? State the components of research problem. 10
2. Describe the different steps involved in a research process. 20
3. Write short notes on any *four* of the followings :
5×4=20
 - (a) Variables and hypothesis
 - (b) Objectives of research
 - (c) Characteristics of a good research

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- (d) Plagiarism
- (e) IPR.
4. (a) What do you understand by the term, "Peer Review"? Discuss the "Simple blind" and "Double blind" Peer Review methods. 10
- (b) How to conduct and write a literature review? Explain it. 10
5. (a) What is meaning of probability sampling? Discuss about simple random sampling, systematic sampling, and stratified sampling. 15
- (b) Differentiate amongst a patent and copyright. 5
6. (a) Explain about extraneous variable, confounded relationship, experimental groups, and treatments in the context of research design. 15
- (b) What tasks are performed by an intellectual property rights professional? 5
7. Discuss various methods of data collection with suitable examples. 20

