

PARUL UNIVERSITY
FACULTY OF ENGINEERING & TECHNOLOGY
M. Tech. Summer 2018 - 19 Examination

Semester: 1**Subject Code: 203200101****Subject Name: Research Methodology & IPR****Date: 29/04/2019****Time: 10:30 am To 1:00 pm.****Total Marks: 60****Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Start new question on new page.

- Q.1** A) How can you rank journals within a discipline? Discuss the importance of H-Index and i-index. **(05)**
B) Discuss the process of research. Explain the significance of literature study in research process. **(05)**
C) What is the difference between trademarks, patents & copyright? **(05)**

- Q.2 Answer the following questions.** (Attempt any three) (Each five mark) **(15)**
A) What is plagiarism? How one can avoid plagiarism.
B) What are the precautions to be taken while interpreting data?
C) Explain possible sources of error in measurement.
D) Discuss the stand out features of bibliography management tools.

- Q.3** A) Define research report. Explain the essentials of a good research report. **(07)**
B) Explain various sources from which research problems are identified. **(08)**

OR

- B) Name the parameters required for critique of a research paper. Discuss in detail. **(08)**

- Q.4** A) Write short note on **(07)**
1. Research proposal writing.
2. Developing a questionnaire.

OR

- A) What are the characteristic of good presentation? How can make it more effective? **(07)**
B) How to write a research paper? Discuss various parameters in details. **(08)**