

Seat No: _____

Enrolment No: _____

Gujarat Technological University
RESEARCH METHODOLOGY EXAM - 2018 [REGULAR]

Subject Code: PH001 [PHE]
Subject Name: Research Methodology
Time: 2.30 PM to 5:30 PM

Date: 21-07-2018

Total Marks: 70

Instructions:

1. Attempt all questions
2. Subject relevant literature/book is permitted in exam hall

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|------------|--|-----------|
| Q.1 | Write in Detail | 25 |
| | <p>a) Explain how Citation Index and Impact Factor are calculated, through 5 Journal papers from your Literature Review</p> <p>b) Summarize research gap from 4 journal papers</p> <p>c) Distinguish between Qualitative and Quantitative Research Methodology</p> <p>Explain whether Patent protection is available in case of</p> <p>d) i) New Product ii) New Process iii) New Design iv) New Machine</p> <p>e) Explain in detail what is meant by Unethical Practices in Publication</p> | |
| Q.2 | Write a Paper on your Research work, describing the methodology, findings and conclusions | 25 |
| Q.3 | Write briefly | 20 |
| | <p>A. Write references of 5 papers related to your research</p> <p>B. Describe the major chapters of a thesis</p> <p>C. Discuss H index and its calculation</p> <p>D. Write a short critique on a journal paper in your area of research</p> <p>E. How will you ensure original and substantial outcomes from your research?</p> | |