

NAME.....

REG. NO.....



APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

FIRST SEMESTER(R) M Tech DEGREE EXAMINATION, MARCH 2023

COMMON FOR ALL BRANCHES (Except PART B)

COURSE CODE & NAME: 22RGE100-RESEARCH METHODOLOGY & IPR

Max. marks: 60

Duration: 2.5 hours

PART A (Answer ALL questions)

(5×6 =30 Marks)

1. Briefly describe the criteria for a good research.
2. What is the necessity of defining a research problem?
3. Define hypothesis. Explain its characteristics.
4. List any five tools used for document preparation in LaTeX, mention its uses.
5. What is IPR? Explain the types of IPR.?
6. Explain the different steps involved in applying Patents?

PART B

(30×1 =30 Marks)

7. Read the given research article and write a report that addresses the following issues.
 - a) What is the research problem addressed? 4 Marks
 - b) Identify the type of research. 4 Marks
 - c) Discuss the shortcomings in literature review if any? 4 Marks
 - d) Discuss the significance of the study. 6 Marks
 - e) Discuss the appropriateness of the methodology used in this study. 6 Marks
 - f) Summarize the important results and contributions by the authors. 6 Marks