School of Computing Science and Engineering

Master of Technology in Computer Science and Engineering
Semester End Examination - Jun 2024

Duration : 180 Minutes
Max Marks : 100

Sem II - R1PV201T - Research Methodology

General Instructions
Answer to the specific question asked
Draw neat, labelled diagrams wherever necessary
Approved data hand books are allowed subject to verification by the Invigilator

1)	Identify the features that define good research problems.	K1(2)
2)	Classsify various steps used in the process of prosecuting a patent application.	K2(4)
3)	Describe the role of patents in protecting and promoting technological innovations. How do they encourage investment in research and development?	K2(6)
4)	Discuss the process of obtaining a patent, including the steps involved and the documentation required	K3(9)
5)	Illustrate how do patent rights contribute to technology transfer and the dissemination of knowledge in various industries?	K3(9)
6)	explain the importance of trademark? How to select a good trademark? How can industrial designs be protected?	K5(10)
7)	Outline the role of patent databases in the context of intellectual property management. How do these databases contribute to innovation and research?	K4(12)
8)	Determine the scientific method of research? Differentiate between scientific and non- scientific methods.	K5(15)
9)	Justify the understanding of good research design. Processing of data implies editing, coding, classification, and tabulation. Describe in brief in these operation in contexts of research study	K5(15)
10)	Examine the basic principles and techniques of writing the research proposal and detail on the various stages, criteria for good research report.	K6(18)