

THE KAVERY ENGINEERING COLLEGE
(An Autonomous Institution)

M.E/MCA DEGREE END SEMESTER THEORY EXAMINATIONS, NOV /DEC 2024

First Semester

PRMT2411/RM4151 – Research Methodology and IPR

Common to all Branches

Common to Regulations – 2021 & 2024

Duration : 3 Hrs

Maximum : 100 Marks

PART – A (ANSWER ALL QUESTIONS) (Marks 10*2=20)

<i>Q.No</i>	<i>Questions</i>	<i>BLT</i>	<i>CO</i>	<i>Marks</i>
1.	List out the ways of conducting survey in research.	RE	1	2
2.	Relate secondary data and exploratory research.	RE	1	2
3.	What is meant by standardized questionnaire in research methodology?	RE	2	2
4.	Differentiate examine from explore.	UN	2	2
5.	Summarize the requirements of presenting research insights and finding while using oral presentation.	UN	3	2
6.	Define "data analysis" in the context of research methodology.	RE	3	2
7.	Compare the advantages and disadvantages of protecting a product under trade secrets versus patents.	UN	4	2
8.	Discuss the importance of intellectual property rights for businesses and individuals.	UN	4	2
9.	Find the important components in patent system.	RE	5	2
10.	Summarize the process of E-filing of patent.	UN	5	2

PART – B (ANSWER ALL QUESTIONS) (Marks 5*13 = 65)

<i>Q.No</i>	<i>Questions</i>	<i>BLT</i>	<i>CO</i>	<i>Marks</i>
11.	a Under what circumstances a qualitative research approach is suitable? Summarize its advantages and disadvantages. How it will vary from quantitative approach.	AN	1	13
	Or			
	b State the purpose of a research process and design. Analyze the various steps involved in research process and design.	AN	1	13
12.	a What is sampling? How are they classified? Explain the concept of sampling error with various types of sampling errors encountered.	UN	2	13
	Or			
	b Explain the procedure for testing reliability and validity of an instrument used in your research.	UN	2	13

13. a Explain the significance of a research report and narrate the various steps involved in report writings. AP 3 13
- Or
- b Categorize the process of testing hypotheses and testing measures of association. Write its significance in research. AP 3 13
14. a Critically analyze the concept and recent developments in IPR in India. AN 4 13
- Or
- b Identify the common rules, laws of IPR practices and give note on types and features of IPR agreement. AN 4 13
15. a Analyze the equitable assignment, licenses and licenses of related patents under the Indian patent act. AN 5 13
- Or
- b Critique the effectiveness of the current patent examination system in preventing the grant of overly broad patents. AN 5 13

*PART – C (Marks 1*15 = 15)*

<i>Q.No</i>		<i>Questions</i>	<i>BLT</i>	<i>CO</i>	<i>Marks</i>
16.	a	Demonstrate the roll of IPR and protection of biodiversity. Point the roll of WIPO and IPR establishments.	AN	4	15
		Or			
	b	Analyze the differences between a provisional patent application and a non-provisional patent application.	AN	5	15