

Model Question Paper-1 with effect from 2022-23 (CBCS Scheme)

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Fifth Semester B.E. Degree Examination

Subject Title: Research Methodology and Intellectual Property Rights

TIME: 03 Hours

Max. Marks: 100

Note: 01. Answer any **FIVE** full questions, choosing at least **ONE** question from each **MODULE**.

Module -1			*Bloom's Taxonomy Level	COs	Marks
Q.01	a	Explain Research Flow cycle with a Neat Diagram	L2	1	7
	b	What are three broad categories of developing and accessing Research	L1	1	6
	c	Explain the three different types of Research? Give distinct examples of each.	L2	1	7
OR					
Q.02	a	List the different types of Research misconduct ?Provide examples for each	L2	1	7
	b	What are the objectives of Engineering Research and its motivation?	L1	1	6
	c	Give a detailed description of Ethics and Ethical practices in Research	L2	1	7
Module-2					
Q. 03	a	What are the primary goals of Literature Review?	L1	2	7
	b	How does new and existing Knowledge contribute to Research	L3	2	7
	c	What are datasheets enumerate their contents?	L2	2	6
OR					
Q.04	a	Explain the terms critical reading and creative reading?	L1	2	7
	b	Explain the term citation? Describe the functions of citation?	L1	2	6
	c	Explain the knowledge flow process through a citation network?	L1	2	7
Module-3					
Q. 05	a	Define the term patent?	L1	3	5
	b	Write a brief history of Patents	L2	3	8
	c	What are different patent applications and how are they commercialized	L2	3	7
OR					
Q. 06	a	What are the inventions eligible for patenting and which are the matters considered as non patentable?	L2	3	10
	b	Explain through a flow chart the major steps involved in patenting	L1	3	10
Module-4					
Q. 07	a	What is a copyright and write its classes	L2	4	5
	b	Explain what are the two exclusive rights owned by copyright owners ?	L1	4	5
	c	What is the role of Register of copyrights and the powers given to the Board of Copyrights?	L2	4	10
OR					
Q. 08	a	What is a trademark? List the advantages a owner of the trademark gain through its registration	L2	4	10
	b	Explain the steps involved in Trademark Registrations using a flowchart	L1	4	10
Module-5					
Q. 09	a	Explain in detail what is Industrial Design (ID)	L1	5	6
	b	Summarize the Non Protectable Industrial Designs in India	L2	5	4
	c	Describe the Registration process for Industrial Design with a flow chart	L2	5	10
OR					

Q. 10	a	Define the term Geographical Indicators (GI)?What are the rights given to GI holders	L1	5	10
	b	Discuss the case study of Apple Vs Samsung	L2	5	5
	c	Discuss the case study of Basmati Patent	L2	5	5

*Bloom's Taxonomy Level: Indicate as L1, L2, L3, L4, etc. It is also desirable to indicate the COs and POs to be attained by every bit of questions.