C.A.D./ C.A.M. (CBCS Pattern) M.Tech. Third Semester CBCS PCDS31 - Self Study Course

GUG/W/18/11037

Time : Three Hours				Max. Marks : 70	
	Note	es: 1. 2. 3. 4. 5.	All questions carry equal marks. Answer any five questions. Due credit will be given to neatness and adequate dimensions. Assume suitable data wherever necessary. Illustrate your answers wherever necessary with the help of neat sketches.	·	
1.	a)	Explair your an	how you select & specify a research problem? Give two examples to illustrate aswer.	7	
	b)	Explair work.	a about the different aspects have to be given importance while designing a research	7	
2.	a)	Discuss	s the criteria to select a good research problem.	7	
	b)	Define	hypothesis and discuss the need for hypothesis in social research.	7	
3.		State th	e addition and multiplication rules of probability giving one example of each case.	14	
4.	a)	Bring o	out the merits and demerits of both primary & secondary sources of data?	7	
	b)	0	out differences between a questionnaire and schedule and describe the different f questions that may go into a questionnaire and schedule.	7	
5.	a)	Write d	lown the different tests of significance used in engineering research.	7	
	b)	Explair	in detail about correlation, types and methods of studying correlation.	7	
6.	a)	-	Randomized block design in brief. Also state the various advantages of tely randomized experimental design?	7	
	b)	Explair	briefly about the presentation and analysis of data using computer.	7	
7.	a)	Disting researc	uish between an experiment & survey. Explain fully the survey method of h.	7	
	b)		hort note on :- easures of Dispersion. ii) Simple Regression analysis.	7	
8.	a)	What p	oints will you keep in mind while preparing a research report? Explain.	7	
	b)	Describ	be the presentations that the researcher should take while interpreting this findings.	7	

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