Total No. of Questions : 4]	290	SEAT No. :
P5020	161971: 830	[Total No. of Pages : 1
T.E. (C	[6187]-420 ivil Engineering) (I	nsem)
RESEARCH	METHODOLOG	SYAND IPR
(2019 Pattern) (Se	mester - I) (Electiv	ve - I) (301005(B))

	RESEARCH METHODOLOGY AND IPR	
	(2019 Pattern) (Semester - I) (Elective - I) (301005(B))
Time : 1	1 Hourl Max M	Marks : 30
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	tions to the cardidates:	
1)	Answer Q.1 or Q.2, Q.3 or Q.4.	
2)	Neat diagrams must be drawn wherever necessary.	
3)	Figures to the right indicate full marks.	
4)	Assume suitable data if necessary.	
	, 6·*	
Q1) a)	What do you mean by research? Explain its significance in mode	ern times.
		[7]
1.		101
b)	Write a short note on component of research problem.	[8]
	OR O	
Q2) a)	Describe fully the techniques of defining a research problem.	[7]
		2
b)	Indicate the main characteristics of a good hypothesis and u	uses of a
	hypothesis in various types of research studies.	[8]
	6.	
Q3) a)	Examine the merits and limitations of the observation method in c	collecting
23) (a)	material. Illustrate your answer with suitable examples.	O Y '
	material. mustrate your answer with suitable examples.	[7]
b)	Write a short note on use of library in literature survey also	state the
,	precautions of library use in literature.	[8]
	preductions of notary use in interactive.	[~]
	OR	
0.4)		, 11 1.4
Q4) a)		
	reference to tools, types of research and statistical techniques.	[7]

reference to tools, types of research and statistical tech Explain the need and functions of review of interature.

[8] b)

