R13

B. Tech III Year I Semester Examinations, November/December - 2016 **ENGINEERING GEOLOGY**

(Civil Engineering)

		;***;			contains two parts A		FIG	Max. Marks: 75	
*			consists	of 5 Units. A	y which carries 25 Answer any one full ave a, b, c as sub qu	question from			
				AG	PAR	Т - А	- Fig	(25 Marks)	H
i Lisi Lisi		(d) (e) (f) (g)	MentionMentionDiscus th Different List out of Mention	the physical receives the classification in the cause of the cause of the cause of the cause of the classification in the classification in the cause of the caus	e of clay soil. properties of Quartion of igneous rock ne and shear zone. ses of Landslide. types of aquifers.	. Mila	AG	[2] [3] [2] [3] [2] [3]	F
		h) <u>i)</u> j)	···What is in	mpact of wa	t types of Dams? ter table on tunnelines es of tunnels.	ng?	FIG	[3] [2] [3]	
					PAR	Г - В		(50 Marks)	
		2.a): b)	With a ne	at sketch, ex lifferent rive	xplain the erosional er erosional process Ol	es. : : `:	L AG	[:::[5+5]	
· .		3.a) b)	With a su Give the o	[5+5]					
	,	4.	With Suit	able exampl	e, explain the physi	cal properties o	of minerals.	[10]	
		5.a) b)	[5+5]						
		6.a) b)	Mention to Give the c	he different lassification	classification of ear of fold depending OI	thquake. on its axial pla ?	ne.	[5+5]	
		7.a) b)	Give the d Draw the	[5+5]					
			·. :i	AG	AG	AG	AG	AC	

, , , , , , , , , , , , , , , , , , ,	8.a) With b) Ment	[5+5]	X x 2 9				
	9. Discu	ss in detail, diffe	[10]				
5.77 6 2 9 6 9 7 8 4 2 6 6 7 8 4 2 6 7 7 8 4 7	10.a) Discu	is different purpo in in detail the g	different purposes of tunneling. n in detail the geological consideration of tunneling. OR				- d N 4 - H
	b) Menti	ion the topographion the advan	hical consideration tages of RS a	n for dam constr	uction and expla stography for	nin. different civil [5+5]	
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	FIG	AG	AG				
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	- PC	AG	AG	AG	AG		**************************************
	AC		FG	FIG	AG	AG	-
	ÄĞ	AC	AG	FIG	AC	AG	1-11