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	В.	Tech III `	Year I	Seme				•			ions	November-	-2020		
					ENG		ERIN il Eng			žΥ					
Time:	3 ha	ours				(CIV	n Eng	meem	ig)			Max. Ma	arks: 60		
1 11110.		701 5		(A	nama	all Ei	ivo I In	ita 5 v	12 –	60 Ma	nelza)	1,1621. 1,16			
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1		Evaloia tl	a cioni	ficence	o of a	ممامح				انبناء	anain	aarina nrah	loma	7M	
1		a Explain the significance of geological studies to solve civil engineering problems.b What are the various processes acting on the surface of the earth? Explain.													
	U	vv nat arc	tiic vari	lous pi	iocess	es acti	•	nic su)R	iracc	or the	cartii	. Lapiani.		5M	
2	a	Enlist and	l explai	n the v	variou	s geol	_		ties of	wind.				6M	
	b	Write briefly on weathering process.													
							UN:	IT-II							
3	a	a Describe the physical properties which depend on light.													
	b	Give the chemical composition, occurrence and engineering behavior of the clay													
		minerals.													
)R						6M	
4	a	a Explain the physical properties for the following minerals groupsi) Garnetii) Mica													
	b	Describe any two important rock forming minerals from the civil engineering point													
		of view.													
							UNI	T-III							
5	a Enlist and explain the structures of the sedimentary rocks with neat sketches.													6M	
	b	b Explain the metamorphic processes in detail.													
		E 11 / 1		.1)R						43.4	
6		Enlist and	-			_			il anai			a out on a a		4M	
	Ø	Describe	me grar	nuc re	OCK W1	ın refe		to civ	n engi	meerir	ig imp	огтапсе.		8M	
7	a	What are	landslic	les? E	xplain	the ca	auses a	and me	ethods	to be	adopt	ted to contro	l them.	8M	
	h	Write brie	fly on	magni	tude o	f earth	าดแล่ห์	3						4M	

OR

a Explain the classification of folds with neat sketches.

b Describe the various parts of the faults with neat sketches.

UNIT-V

a Describe the various parts of the dams and classification of the dams.

b Explain the sliding, uplift and elastic rebound problems at a dam site.

10 a What is a tunnel? Explain the terminology applied in tunnel with neat sketch.

b Explain the geological investigations required for the selection of tunnel alignment.

*** END ***