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SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR (AUTONOMOUS) B.Tech II Year II Semester Regular Examinations July-2021															
		le h <i>ie</i> mri			ENC	Civ	vil Eng	G GE	ng)	JХ					
Time:	3 ł	ours					0		0)				Max.	Mark	s: 60
1	я	Describe	the var	(Ai	nswer	all Fiv	ve Unit UN	ts 5 x IT-I	12 =	60 Ma	urks)			L2	6M
1	a b	How do civil eng	civil er ineering	ngineer g consti	s dete ruction	rmine ns?	the ex	xtent (of wea	atherin	ng pat	tern in	major	L2 L6	6M
2	a	Discuss work.	the sco	pe of	applic	ation	of geo	ologic	al kno	owled	ge in	the pla	anning	L2	6M
	b	Describe chemical weathering in detail. UNIT-II						L2	6M						
3	a b	What are secondary minerals? How are formed? Add a note on their significance in rocks?							L2	6M 6M					
	N	i tuine at	ieuse ie	ar erag		and an	0	R				or of berr		2.	UTT
4	a b	Write ab Different	out feld tiate bet	spar gr ween N	oup. Ausco	vite ar	d Bio	tite M	ica.					L6 L4	6M 6M
5	a b	UNIT-III Explain the structures and textures of sedimentary rocks. What are the clastic rocks?								L2 L3	6M 6M				
6	a	How wo sediment	uld you ary rocl	i diffei c on the	entiate e basis	e betw of str	veen ig ucture	gneou and to	s rock exture	, met ?	amorp	hic roo	ck and	L4	6M
	b	Write a case study about rocks and mineral resource of any geological conditions in India.							L2	6M					
7	a b	What is a What is a parts of f	a monoc a fold? I cold.	eline? H Describ	How is be with	an isc the h	oclinal elp of	fold c well l	liffere abelec	nt froi l neat	m a me sketch	onoclin es &di	ne? fferent	L1 L4	6M 6M
0		г.,.					0	R	1		C		A .1 1		(1)
8	a b	Explain note on i Describe methods,	in detai ts civil d differe , equipn	about enginee ent gec nent an	resistering a physic d appl	pplica cal mo ication	metho tions. ethods ns of C	ds and in te Gravity	erms o meth	ner co of pri iods, N	ntigui ncipal Magne	ration. , parar tic met	Add a neters, hods?	L2 L3	6М 6М

UNIT-V

R19

9	a	Write short notes on:			L2	6M			
		i) Types of aquifers	ii) Types of springs	iii) Cone of depression					
	b	Explain various investigation uses in groundwater exploration.							
			OR						
10	a	How the geological structure	res are responsible for	the failure of any tunnel	L3	6M			
		alignment.							
	b	Explain the sliding uplift and	l elastic rebound proble	ems at a dam site.	L2	6M			

*** END ***