inted Pag	e 1 of 1								Si	ub (Code:	RCE	5072
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		ВТЕСН											
		II) THEORY EXAN											
	_	L DEVELOPMENT	ΓΕΝ	\GII	NEEI	RIN	G	_	_				
e: 3 Hou			1		1	1				Mai	rks: 7	70	
e: 1. Att	empt all Sections	. If require any missing	ig da	ata; t	then c	hoo	se si	uitat	oly.				
		SECTION	A										
Atter	npt <i>all</i> questions	s in brief.								2 :	x 7 =	14	
(a)	Describe the importance of Rural Development.												
(b)	Enlist any four awareness programe under Rural Development.												
(c)	Discuss the advantages and disadvantages of Ferrocement.												
(d)	Enlist the various sources of water.												
(e)	What is the difference between lean cement concrete and cement concrete.												
(f)	What do you mean by trickle irrigation system.												
(g)	Discuss the use	of lime and cement is	n bas	se co	ourse	of rı	ıral :	roac	1.				
		CECTION											
A 44a-	mmt amy thusa af	SECTION the following:	В							7.	x 3 =	21	
(a)	npt any three of	esian factors consider	ed in	des	ian o	f fle	vible	2 12	vem			<u> </u>	\neg
(b)	What are the design factors considered in design of flexible pavement? Differentiate between the various types of Flyash and their suitability for												
(6)	common use.	etween the various	турс	cs (yasıı	an	u II	ICII	Sui	taom	ty I	<i>J</i> 1
(c)		estimate the water req	uire	men	t of a	villa	age '	whi	le pl	lann	ing a	wat	er
	How will you estimate the water requirement of a village while planning a water supply scheme for rural areas. Explain briefly.												
(d)	Explain the prin	nciples of soil-bitume	n an	d its	appli	catio	ons	in ro	oad o	cons	struct	ion.	< *
(e)	Explain sprinkler irrigation and draw a clean layout of sprinkler irrigation												
	system.	· · · · · · · · · · · · · · · · · · ·									0/.		
		SECTION	\mathbf{C}						(\cap			
Atter	nnt any <i>ane</i> nar	section to the following:	C						1	•7	x 1 =	7	
(a)		le of Panchayat in the	ove	rall	devel	onn	ent	of a	nv r				\neg
(b)		about any 3 ongoing											in
	India.	acout any 5 ongoing	proj	CCLS	101 11			рш	0111	JI 10	arur u	reas	
Atter	npt any <i>one</i> par	t of the following:)			7 :	x 1 =	7	
(a)		esign consideration of	of no	n-eı	rodab	le n	nud	plas	ter	in c	onstr	uctio	n
		n use and applications		C	4.7								
(b)	_	properties of compos	site	mat	erials	and	d its	ad	lvan	tage	es an	d di	.S-
A 44	advantages.	. 641 611 .	O	<u> </u>									
		t of the following:		41			. :		~: ~		x 1 =		
(a)		h Shauchalaya? Why India? Draw a neat s											
	Shauchalaya.	ilidia: Diaw a licat s	Keic	л ю	illus	пан	i tiic	z wc	JIKII	ıg c	лак	Suiat	ш
(b)	•	etween a Septic Tank	Priv	v ar	d a S	ulah	h Sl	nauc	hala	ava	and d	liscu	SS
	Differentiate between a Septic Tank Privy and a Sulabh Shauchalaya and discus their merits and demerits.												
Atter		t of the following:								7 :	x 1 =	7	
(a)		ign considerations of											
	(i) Expansion Jo												
(b)		cross-section of a fle	xible	e par	veme	nt aı	nd e	xpla	in t	he f	iuncti	ons	of
A	various compor												
		t of the following:	f _c = 1		ec	in ~ '	.h	t -	CI -		x 1 =		$\overline{}$
(a)		heds and what are the											
(b)	demerits.	top rain water harve	sun	g te	CHIL	lue	aion	g W	ıın	its	meri	ıs ar	10
ı	dellielits.												I