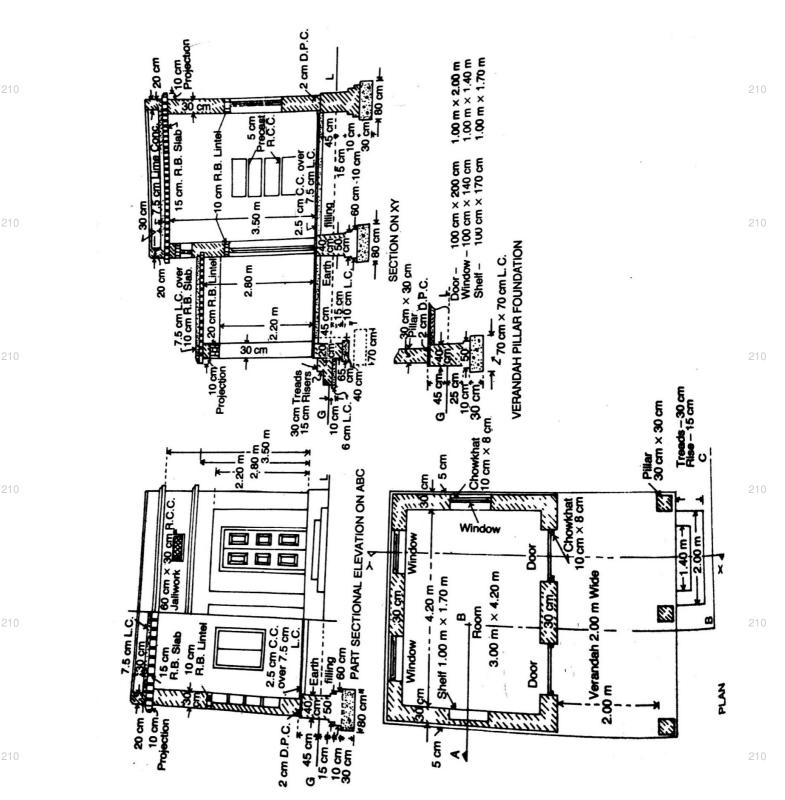
	210		210	210	210	210	210	
	Regi	stration No):					
То	tal Nı	umber of Pa	ages : 04					B.Tech
	210		210 5 th Somos	210 stor Rogular /	210 Back Examin	210 nation 2018-19	210 PC	15D002
					CH : CIVIL			
					:3 Hours larks:100			
				Q.CO	DE : E550			
Α	nswe	r Question	No.1 (Part-1) which is co	mpulsory, an	IV EIGHT from	Part-II and any	/ TWO
			The figure	-	n Part-III.	indicate marks	:	
			The lighte	s in the right i	iana margin		'-	
Q1		Short Ans	war Typa Oue	F stions (Answe	Part-I r All-10)			(2 x 10)
Q, I				detailed estima				
	b)		nit of following					
	210		nent_mortar rul od work in parti		210	210	210	
		What are th	ne necessities	of detailed spec	ifications?			
	d)	Define lead		and or 2				
	e) f)		tice Inviting Te necessities of	the valuation of	f a property.			
	g)	What do yo	ou mean by see	curity deposit an				
	h)	Define diffe What is sla	erent types of fl	loats				
	i) 210 j)	What are th	ne errors in a n	etwork diagram	? ²¹⁰	210	210	
				Р	Part- II			
Q2						ny Eight out of 1	welve)	(6 x 8)
	a) b)		•	vall and short wa ite analysis depe				
	1						n brick ballast	
	C)		ie rate analysi	s of cement co	ncrete 1:5:10 i		T Drick Dallast	
	010	40mm.				0.4.0		
	c) d) e)	40mm. Give the rat	te analysis of I	nalf brick (10 cm	thick partition	wall) with 1:3 cer	nent mortar.	
	d) e) f)	40mm. Give the rat What is spe Write detail	te analysis of h ecification? W led specificatio	nalf brick (10 cm rite the general s on of Damp proo	n thick partition specification of f course 2.5cm	wall) with 1:3 cer f 2 nd class building n c.c 1:1.5:3.	nent mortar.	
	d) e) f) g)	40mm. Give the rat What is spe Write detail Write detail	te analysis of h ecification? W led specificatio led specificatio	nalf brick (10 cm rite the general s on of Damp proo on of Random ru	n thick partition specification of f course 2.5cm bble stone mas	wall) with 1:3 cer f 2 nd class building n c.c 1:1.5:3. sonry.	ment mortar. g.	
	d) e) f)	40mm. Give the rat What is spe Write detail Write detail	te analysis of h ecification? W led specificatio led specificatio	nalf brick (10 cm rite the general s on of Damp proo on of Random ru	n thick partition specification of f course 2.5cm bble stone mas	wall) with 1:3 cer f 2 nd class building n c.c 1:1.5:3.	ment mortar. g.	
	d) e) f) g)	40mm. Give the rat What is spe Write detail Write detail Calculate the formula. Height at on	te analysis of h ecification? W led specificatio led specificatio the earthwork ne end = 1.20r	nalf brick (10 cm rite the general s on of Damp proo on of Random ru for the constru	thick partition specification of f course 2.5cm bble stone mas ction of an ap	wall) with 1:3 cer f 2 nd class building n c.c 1:1.5:3. sonry.	ment mortar. g. ng Prismoidal	
	d) e) f) g) h)	40mm. Give the rat What is spe Write detail Write detail Calculate the formula. Height at on width 10.0m	te analysis of h ecification? W led specificatio led specificatio the earthwork ne end = 1.20m n.	nalf brick (10 cm rite the general s on of Damp proo on of Random ru for the constru m. Centre 2.10m	thick partition specification of f course 2.5cm bble stone mas ction of an ap	wall) with 1:3 cer f 2 nd class building n c.c 1:1.5:3. sonry. pproach road usi	ment mortar. g. ng Prismoidal	
	d) e) f) g) h)	40mm. Give the rat What is spe Write detail Write detail Calculate the formula. Height at or width 10.0m Write short What do y	te analysis of h ecification? W led specificatio led specificatio the earthwork ne end = 1.20m n. mote on 'meas you mean by	nalf brick (10 cm rite the general s on of Damp proo on of Random ru for the constru m. Centre 2.10m surement book'. contract docur	n thick partition specification of f course 2.5cm bble stone mas ction of an ap n and height or 210	wall) with ⁰ 1:3 cer f 2 nd class building n c.c 1:1.5:3. sonry. oproach road usin n the other end 8.	ment mortar. g. ng Prismoidal 0m. formation 210	
	d) e) f) g) h) j)	40mm. Give the rat What is spe Write detail Write detail Calculate the formula. Height at or width 10.0n Write short What do y attached to	te analysis of h ecification? W led specificatio led specificatio the earthwork ne end = 1.20r n. note on 'meas you mean by the contract a	nalf brick (10 cm rite the general s on of Damp proo on of Random ru for the constru m. Centre 2.10m surement book'. contract docur greement.	n thick partition specification of f course 2.5cm abble stone mas ction of an ap n and height or 210 ment? List ou	wall) with ⁰ 1:3 cer f 2 nd class building n c.c 1:1.5:3. sonry. oproach road usin n the other end 8. 210	ment mortar. g. ng Prismoidal 0m. formation 210	
	d) e) f) g) h)	40mm. Give the rat What is spe Write detail Write detail Calculate the formula. Height at on width 10.0n Write short What do y attached to What are the	te analysis of h ecification? W led specificatio led specificatio the earthwork ne end = 1.20r n. note on 'meas you mean by the contract a ne difference b	nalf brick (10 cm rite the general s on of Damp proo on of Random ru for the constru m. Centre 2.10m surement book'. contract docur greement. etween PERT a	n thick partition specification of f course 2.5cm abble stone mas ction of an ap n and height or 210 ment? List ou	wall) with ⁰ 1:3 cer f 2 nd class building n c.c 1:1.5:3. sonry. oproach road usin n the other end 8. 210	ment mortar. g. ng Prismoidal 0m. formation 210	
	d) e) f) g) h) j)	40mm. Give the rat What is spe Write detail Write detail Calculate the formula. Height at or width 10.0n Write short What do y attached to What are the What is three	te ² analysis of h ecification? W led specificatio led specificatio the earthwork ne end = 1.20r n. note on 'meas you mean by the contract a ne difference b ee time estima	nalf brick (10 cm rite the general s on of Damp proo on of Random ru for the constru m. Centre 2.10m surement book'. contract docur greement. etween PERT a tion in PERT? P	n thick partition specification of f course 2.5cm bble stone mas ction of an ap n and height or 210 ment? List ou and CPM?	wall) with ⁰ 1:3 cer f 2 nd class building n c.c 1:1.5:3. sonry. oproach road usin n the other end 8. 210 it the documents	ment mortar. g. ng Prismoidal 0m. formation 210	
	(d) e) f) g) h) j) k) l)	40mm. Give the rat What is spe Write detail Write detail Calculate the formula. Height at or width 10.0n Write short What do y attached to What are the What is three Long Answ	te ² analysis of h ecification? W led specificatio led specificatio the earthwork ne end = 1.20r n. note on 'meas you mean by the contract a ne difference b ee time estima wer Type Que	nalf brick (10 cm rite the general s on of Damp proo on of Random ru for the constru m. Centre 2.10m surement book'. contract docur greement. etween PERT a tion in PERT? P stions (Answer	n thick partition specification of of course 2.5cm bble stone mas ction of an ap n and height or 210 ment? List ou and CPM? Part-III r Any Two out	wall) with ⁰ 1:3 cer f 2 nd class building n c.c 1:1.5:3. sonry. oproach road usin n the other end 8. 210 t the documents c of Four)	ment mortar. g. ng Prismoidal 0m. formation 210 s that should	(40)
Q3	(d) e) f) g) h) j) k) l)	40mm. Give the rat What is spe Write detail Write detail Calculate th formula. Height at or width 10.0n Write short What do y attached to What are th What is three Long Answ Estimate th	te analysis of h ecification? W led specificatio led specificatio the earthwork ne end = 1.20m n. note on 'meas you mean by the contract a ne difference b ee time estima wer Type Que	nalf brick (10 cm rite the general s on of Damp proo on of Random ru for the constru m. Centre 2.10m surement book'. contract docur greement. etween PERT a tion in PERT? P stions (Answer following items	n thick partition specification of f course 2.5cm bble stone mas ction of an ap n and height or 210 ment? List ou and CPM? Part-III r Any Two out of work for a b	wall) with ⁰ 1:3 cer f 2 nd class building n c.c 1:1.5:3. sonry. oproach road usin n the other end 8. 210 it the documents	ment mortar. g. ng Prismoidal 0m. formation 210 s that should	(16)
Q3	(d) e) f) g) h) i) j) k) l)	40mm. Give the rat What is spe Write detail Write detail Calculate th formula. Height at or width 10.0n Write short What do y attached to What are th What is three Long Answ Estimate th a) b)	te analysis of h ecification? W led specificatio led specificatio the earthwork ne end = 1.20m n. mote on 'meas you mean by the contract a ne difference b ee time estima wer Type Que ne quantities of Earthwork exc Damp Proof C	nalf brick (10 cm rite the general s on of Damp proo on of Random ru for the constru m. Centre 2.10m surement book'. contract docur greement. etween PERT a tion in PERT? P stions (Answer following items avation in found	n thick partition specification of f course 2.5cm bble stone mas ction of an ap n and height or 210 ment? List ou and CPM? Part-III r Any Two out of work for a b lation ²¹⁰	wall) with 1:3 cer f 2 nd class building n c.c 1:1.5:3. sonry. pproach road usin n the other end 8. 210 it the documents of Four) puilding as shown	ment mortar. g. ng Prismoidal 0m. formation 210 s that should in Fig 1 :	(16)

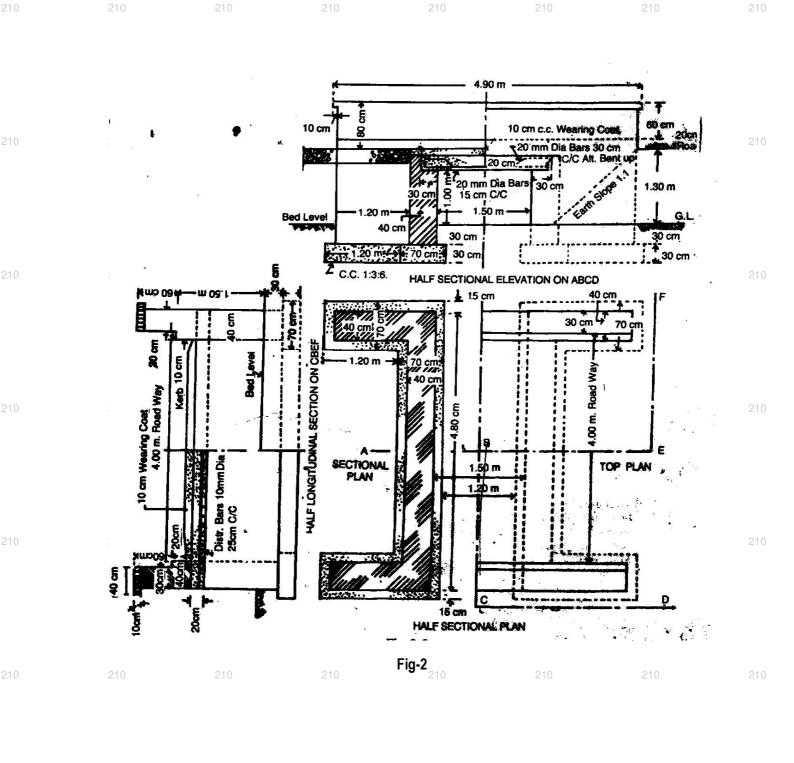
210 210	210	210	210	210	210
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210	210	210	210	210	210	2
Q4 210	a) earthwo b) Cement c) I-class t	ing quantities of a cu rk in excavation concrete 1:3:6 prick work in 1:4 prk 1:2:4 in slab	lvert as shown i	n Fig 2.	210	(16)
Q5	Estimate the cost c	f earthwork for a port ormation surface is 8	tion of a road fro	om the following o	data:-	(16)
Chainag Ground Ievel Formati Ievel	71.20 71.	25 70.90 71.25 210	24 25 70.80 70.45 ₂₁₀ pward gradient	210	28 29 69.10 69.45 210	30 69.70
Take the Q6		is Rs.325/- per % cu es (t _o , t _l , t _p) of each a	_		_	(16)
210	Activity 1-2 ²¹⁰ 1-3 2-4 3-4 4-5 3-5	to 212 3 5 2 1 6	tı 210 5 12 14 5 4 15	210	tp 14 210 21 17 8 7 30 30	;
	00		10		00	
210	b) Find the c) Calcula d) Determi	e network diagram expected duration a te early and late occu ne the expected proj variance and standa	irrence times fo ect duration.	r each event.	210	
210	b) Find the c) Calcula d) Determi	e expected duration a te early and late occu ne the expected proj	irrence times fo ect duration.	r each event.		;
	b) Find the c) Calcula d) Determi e) Find the	e expected duration a te early and late occu ne the expected proje variance and standa	Irrence times fo ect duration. ard deviation of t	r each event. the entire project		





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