## CBCS SCHEME

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		Fou	rth	Se	me	ste	r B	B.Ar	ch.	 . D	egre	ee F	Cxan	ninat	, ion.	Aus	z./Se	pt.202	20
		104											7000	es –			,		
												A					A,		
Tim	Time: 3 hrs.															Partille )	Max. Marks: 100		
	N	ote: A	nsu	er a	ny i	FIV	E fi	ıll qı	esti	ons	, cho	osin	g ON	E full	ques	tion f	rom e	ach mo	dule.
											Mod				A				
1	a.													nan civ	iliza	tion.			(10 Marks)
	b. Explain conservancy system to water carriage system.																(10 Marks)		
								4.3			-	R			P	•			
2	a.	Expl	Explain with sketch gravity system and hydro-pneumatic system of storage and pum															imping. (06 Marks)	
	b. Explain infiltration galleries and infiltration wells with neat sketches.																	(06 Marks)	
	c.	How	the	tot	al q	uant	ity	of w	ater	req	uired	l by	a tov	vn is e	stim	ated a	ind w	hat are	the factors
	which directly affect the rate of demand of a town. Explain them brie										efly.		(08 Marks)						
				Jac A						]	Mod	ule-	2						
3	a.											con	veyar	nce of	sewa	ge ie.	, Naha	ani trap,	Gully trap
	1	and										nt o	nd the		200.0	f cow	ogo tr	ootman	(10 Marks)
	b.	sket			obje	ectiv	e o	ı sev	age	ire	atme	nt a	na une	e proc	ess o	i sew	age u	eatmen	t with nea (10 Marks)
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4	_	Event		a <b>t</b> a w		atan	duo			cton		R	nd dra	ing (S	torm	water	inlets	e) and (	pen drains
4	a.	(Sur									1 10.,	ripe	u ura	ills (S	WIII	water	micus	s) and C	(12 Marks)
	b.	Expl									harv	estir	g.		6	Y			(08 Marks
					G	P				41	Mod	ula-	3			gal.			
5		Expl	ain	the s	svste	ems (	of p	luml	ing				etches	: 📤					
	a.	Two	- pi	pe s	yste	m						b.	One	- pipe					
	c.	Parti	ally	ven	tilat	ed si	ingl	le sta	ck s	yste	m	d	. Sing	gle stac	ck sy	stem			(20 Marks)
			è				4		9		0	R	4						
6	А													ol valv					
	a.	Gate	val	ve	b	). G	lob	e val	ves	(	. Bu	itter	fly va	lve	b.	Reflu	x valv	e.	(20 Marks
	Reg	de la companya de la					)				Mod	ule-	<u>.4</u>						
7				1284000	CO.	#								fittin	gs:				
	a.	Flus	hing	Sys	tem		ł	o. Wa	ish ]	Basi	n	1.00	c. Bat	h tub		d. Ur	inals		(20 Marks
*								A.,			0	R							
8												ıtme	nt an	d disp	osal	of ga	ırbage	e. Expla	ain organi
		wast	e co	nve	rtor	and	ver	mico	mpc	ostin	g.								(20 Marks
							<b>.</b>			]	Mod	ule-	· <u>5</u>						
9	100	Writ			Shusik	Strattle .	:	T.	A 1.			. 1	17at -	2000	ı.	Ciro L	video-	nta.	(20 Maul
	a.	Smo	ке с	etec	tors	ugp <sup>g*</sup>	b.	Fire	Ala	rms		c. v	Vet ris	sers	a.	rife f	ıydran	ns	(20 Marks
				ha							•	T							

(20 Marks)

Explain solar hot water generation with neat sketch.

Important Note: 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.

2. Any revealing of identification, appeal to evaluator and /or equations written eg, 42+8 = 56, will be treated as malpractice.

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