CBCS SCHEME

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		Sec	ond	Sen	ieste	er M	CA	Deg	gree	Exa	mina	tion,	Feb.	/Mar.	2022	2
					ata	aba	se	Ma	nag	Jem	ent	Sys	tem	l ****		
Tim	ie: 3	hrs.							(The second	D	*			Ma	x. Ma	arks: 100
			nguler	anv	FIVI	T full	auesi	ions.	choo.	sing (ONE fu	ıll aues	tion f	rom eac	ch mod	dule.
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		D (1 4	1 .					Modu		ah awa	staniatia				(10 Marks)
1	a. b.	(i) V	e data Vhat d	aoase Io vo	mana u mea	ageme an by	ını sy data i	nden	. Expi enden	am ns ice? E	xplain	cteristic	ώς:			(IV Marks)
	0.	(ii) E	xplai	n wit	h exa	mple	ad var	itage	s and	disadv	/antage	s of Dl	BMS.			(10 Marks)
							/		OF	₹		Tayr I				
2	a.	Expla	in wi	th su	itable	diagr	am, t	he 3-	schem	na arch	nitectu	re of D	BMS.			(10 Marks)
	Ъ.	Write	in de	etail t	he cla	ssific	ation	of D	atabas	se Mai	jageme	ent Sys	tems.			(10 Marks)
				A. A.				1	Modu	le-2						
3	a.	Expla	in the	mai	n pha	ses of	data	base	design	with	proper	diagra	m.	:	. ~ ~ ~ ~	(10 Marks)
	b.		are ti na coi			t nota	ations	usec	in E	K diag	gram ai	na wna	, 18 m	з наши	ig con	ventions of (10 Marks)
		JOHOL)		_ (7				
4	0	Evnle	in in	detai	l the i	relatic	mal i	∜ nteor	OI ity cor		ıfe					(10 Marks)
7	a. b.	Discu	iss the	e diff	erent	infere	nce r	ules	for fur	nction	al depe	endenci	es.			(10 Marks)
									Modú	4)		Lan			
5	a.	Expla	ain in	detai	l all t	he par	rts of	_	QL qu	5673 (856)						(10 Marks)
	b.	Discu	uss in	detai	l all a	ggreg	gate fi	ıncti	ons in	ŠQL.	•	`````` <i>j</i> y	end.			(10 Marks)
				47	ANGEA.			a a	OI		Å					
6	a.			key c	onstr	aints?	Exp	lain 1	the ke	y con	straints	on re	lationa	al datab	ase w	ith suitable
	b.	exam	ple.	‴ Mate	oners	itions	on re	latio	nal đại	tabase	. Ĥow	constra	ints a	re viola	ted du	(10 Marks) ring update
	υ.		tions					144101			4					(10 Marks)
	generality.				ď,		4		Modi	ile-4						
7	a.							uss q	n met	hodol			ement	views i	n SQL	. (10 Marks)
	b.	Expl	ain in	deta	l abo	ut PL	/SQL	and	stored	proce	dures.					(10 Marks)
		****		9					/ O]			aam in	SOI	2 Evnl	ain w	ith suitable
8	a.	wha:		trigg	ers 1	n SQ	L! n	low	to mi	pieme	ու աց	gers m	. bQr	" Evbi	ani w	ith suitable (10 Marks)
	b.	Expl	ain w	ith ex	ampl	e the	schen	na ch	ange	statem	ents in	SQL.				(10 Marks
						Ą	rift.		Modu	ule- <u>5</u>						
9	a.	Expl	ain A	CID	prope	rties o	of a tr	ansa	ction i	n deta	il.	DN 40				(10 Marks
	b.	Disc	uss or	ı Loç	k-bas	ed co	ncurr	ency	contro	oi issu	e in D	DIVIS.				(10 Marks
			_ ^4	<i>\$</i>	_				0							(10 Maul-
10	a. b.	Write	e in d nérate	etail	about	crash alies d	reco lue to	very inter	algori rleave	tnm. d exec	ution o	of a trai	rsactio	on in de	tail.	(10 Marks (10 Marks
	٠.	- IIMI	- E.							·-·						

(10 Marks)