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GBGS SCHEME

						OLIV	OO	YUU	5W5	(0)		
USN												18BT34
	Third Semester B.E. Degree Examination, Feb./Mar. 2022											
Introduction to Biomolecules												
Tim	Time: 3 hrs. Max. Marks: 100											
1 111											V.	
	N	ote: Ans	wer ar	y FIV	E full d	questioi	is, choo	sing	ONE full	question]	from each mo	dule.
							Mo	dule-	·1	And the second		
1	a.					25 100 4	classifi	ed bas	sed on 'C'	100		(10 Marks)
	b.			unt of	Isome	rism of	Carbo	hydra	tes and a	dd a no	te on Biologi	
		Cholest	erol.		4				Analy			(10 Marks)
							0]		N. A. C.			
2	a.								olysacchar			(10 Marks)
	b.	With an	exam	ple, ex	plain p	ropertie	s and fi	inetio	ns of satur	ated and	unsaturated fa	-
			K	Apr. Star				77				(10 Marks)
2	***	•					Modu	ıle-2				
3		ite short PKa	notes	on:				b.	Zwitter I			
	a. c.	Seconda	arv and	l Terti	arv stru	cture n	oteins				us protein.	(20 Marks)
	٠.	:	ary arr		ary stra	· ·)r-		A	, or r ioro	as protein.	(20 1/14113)
4		F 1 - !	41		. 4		0					1
4	a. b.	-			40-700000000000000000000000000000000000	No.			f protein.	nd Tertia	ry structure of	(10 Marks)
	υ.	Litamer	are the	relati	onsinp,	octweet	1 1 111114	19,50	Condary an	ila Tertiai	y structure or	(10 Marks)
				4			Mod	alo 3		Alley Y		
5	a.	With a	neat la	beled	sketch.	explain			of Purine	and Pyrin	nidine bases.	(10 Marks)
	b.	Explain							4			(10 Marks)
				**			0	D	_44			
6	Ex	plain the	follov	ing ·		A.	, U.	K	A.			
		Tertiary			DNA		b.	Туре	s of DNA.			
	c.	Base Pa	airing t	ypes	40	<i>y</i>	d.		es of RNA			(20 Marks)
	9						Mod	ule-4				
7	a.	Elabora	ite the	structi	re and	function	And the last of th					(10 Marks)
	b.	Give an	accou	int of I	Energy	Flow C	ycle.					(10 Marks)
							O	R				
8	a.	With ne	eat lab	eled di	agram /	flow c	**		Light react	tion.		(10 Marks)
	b.	Give a							Ü			(10 Marks)
					3	7	Mod	ulo 5				
9	a.	With su	iitable	model	. expla	in the st			ological M	embrane.		(10 Marks)
	b.	Give an							- 6			(10 Marks)
				D	7		0					
10	a.	Explain	the M	lechan	ism of	Active t			add a note	on Facil	iated transport	. (10 Marks)
20	b.								luction Pro		The state of the s	(10 Marks)

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 = 50, will be treated as malpractice.