В	ACADEMIC YEAR 2024 ODD SI MESTER FT2BATCH 1													B SCHOOL OF BIOENGINEERING, DEPARTMENT OF BIOTECHNOLOGY B. Tech. Biotechnology Program ACADEMIC YEAR 2024—ODD SEMESTER FT2. BATCH 1													Y 1	В									
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Cours	e Code:	21813	B102T	Cours	e Titt	e: Intr	oducti	ion I	to C	omp	utat	ions	Biol	logy						Con	irse Co	nde:	21811	11021		Con	rse T	itle:	Inread	netic	on to Co	eripaita	ational I	golog			
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	Course Outcome (COh) Program Ostermes (PO									en T			PS	2.1	3	Fart	B-	An	swer	anv	3 of	f th	e Fo	llov	ine	-			3 x	10 Ma	rks	= 30 N	Marks				
		relaw co								-	,	9								-		300									1 10						-
	especiation, and differentiates  Categorial the oringen and   2											-							Q.	NO.	Questions					Ma	rks	C.O.	BL		darks cored						
	posts	process of the between and state that application is greaters.													4		9		Give a note on Meiosis with clear depictions  OR					8	8	L	1.2			4							
art A-	An	swer	all		-	-	-	+	1	0 x	10	lari	ks=	10	Ma	rks	_			11	),		plain			asis	and	115 6	ontro								
45	(Mark the assects in the Question papers (5 mins) (Shortesting is probabiled										13			91.	4	T	Me.	1	b					nces		focto	ic aci	ds		8	2	1.2			1		
	Pluripotent Stem cells can't form a particular type of cells									1	t	1.1	-	4		1.	2.	Explain Proteins w.r.t to hormones																			
	Al placenta Bl fiver Cibrain Di galibladder															1.1				1	3.	Give detailed notes and near labelled						d	8.	8.	1	1.2			4		
2	2. Which is not part of the five kingdoms  Al plantse Blan maka Cl monera Djanti-fungal											1	1	LE		4			diagrams on 4 major organelles of a cell																		
3	Cells o	come !	from a	tready e	wistin	ng cell	k Th	is p	roc	ess		allec			1			4		1	1.						and		iryote in liv								
4	A) dip	als form almid 2 aid 4 ce	cells	B) haplo	vid 2	cells (	C] dip		14	cells	s D			1	1	1.1		4		. 1	5,:	Ex	lls plain	lipid	ls in	deta						8	2	1.2			1
5.	Choose the wrong statement: All enzymes art as catalyst Bl Enzymes are specific									1	2	1.2		4		1	5.	Explain the macromolecule that is the major source of energy in the cell					the	100													
	C]Enz	tymes	are na	n reusal	ble as	they	get p	ern	1201	enti										Part	C- H	marine and		DUIC	. 01	CARE	B3		- N. N. A.F	T	-		1.3	10 M	lark	s = 10	Marks
6	Point Al scu	the di	D] Euzymes have 10e6 speed of catalysis disease associated with lipids B] diabetes C] cystic fibrosis D									1	2	1.1		1	.4	Q.	No.		Questions						I	Mark CO		00	BL		Marks Scored	V			
7.	Identi	oscier ify RN	A type	e NA CJERNA DJERNA										1 2		LI		1	1,4		17.				nzyn	zymes have the				10	2		1.3	+		PSO 4	
×.	A] mF	KNA B	pRN.		bone		INA							1	2	1.1		1	.4			III. BEST	tentia														
	Sucrose contains bonds     A] Phosphodiester bond B] glucose bond     C] glycosidic bond D] ionic bond																						lities of using this mankind (at least 3)														
		the F		B and P	ART	Cas	estion	is in	the	e an	swe	r sb	eet a	nd r	etu	rn th	ie	I																			