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BRAINWARE UNIVERSITY

Term End Examination 2023
Programme – B.Sc.(MLT)-2022
Course Name – Biochemistry and Biophysics
Course Code - BMLTC202
(Semester II)

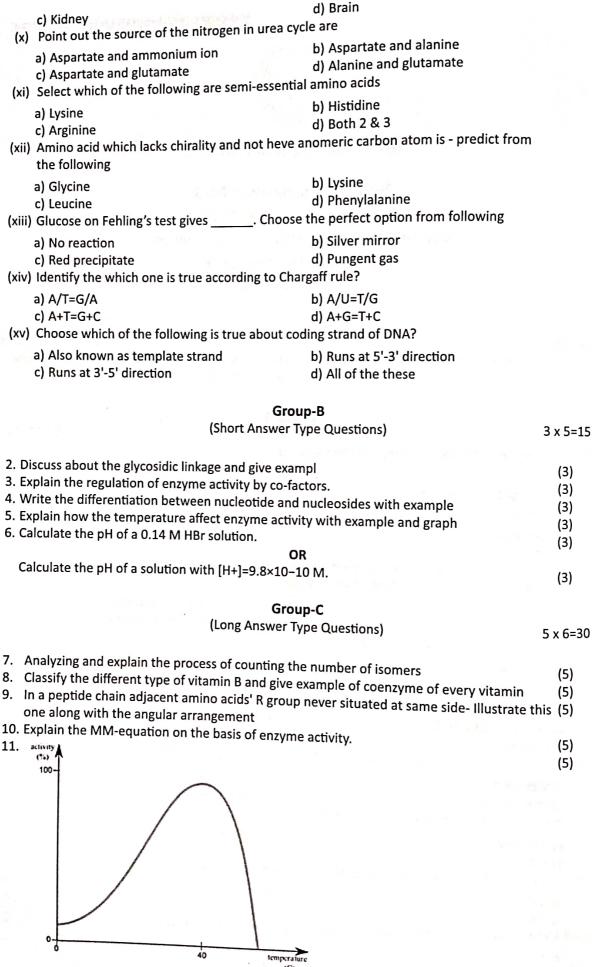
Full Marks : 60		Time : 2:30 Hours
[The figure in the margin indicates full marks	s. Candidates are regul	red to give their answers in their
own words	as far as practicable.)	

1 x 15=15

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1.		(Multiple Choice Type Question) Choose the correct alternative from the following:		
	(1)	Carrier of one carbon atom is following options	Reconnize the perfect match from	
		a) Foic acid	b) Vitamin B12	
		c) Vitamin K	d) Vitamin B3	
	(11)	The cholesterol serves as the precursor for the following biosynthetic pathways, EXCEPT Select from the following		
		a) Bile acid synthesis	b) Steroid hormone synthesis	
	(111)	c) Aldosterone synthesis identify false about trans fatty acid (TFA)	d) Thyrold hormone synthesis	
		a) Increase risk of cardiovscular disease b) Hydrogenation increase TFA Point-out the cardio protective fatty acid is	 b) Fried foods have high content of TFA d) Hydrogenation decrease TFA 	ì
		a) Omega-3-fatty acidc) Oleic AcidChoose the reason of Seborrheic dermatitis,	b) Lauric Acid d) Palmitic acid deficiency	
		a) Vitamin B6 c) Vitamin B12 Write the name of of organ where urea cycle	b) Vitamin B2 d) Vitamin B9 e occurs	
		a) Intestinec) KidneyFrom the following pH which one is perfection.	b) Spieen d) Liver	
	(vii)	a) 6.8	b) 7.1	
	(viii)	c) 7.4 ldentify which one of the isnot fat solubale	d) 7.9 vitamins from following	
		a) C	b) E	
			d) D	
	(lxl)	c) Kidney Select the organ where urea is mainly from	d in liver and to small extent in	
	1/	t a l	b) Intestine	

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a) Spleen



the correct answer with proper example and justification.

	Concentration of pH and the respiratory rate both are related to each other - Justify by proper explanation.	(5)	
12. if the acidosis occur in human body how protein regulate the body pH-Explain OR			