BIOCHEMISTRY-I	F,Y.B.Sc	Jany one	disaccharide formed	by these
C) Draw the struct monosaccharide ar	ture of any 3 monosac nd name the subunits.	echarides and any one		(5M)
			ohydrates?	(5M)
C) What are carbol	hydrates? What are th	e three classes of carbonic (any one)		(2M)
Q. IV) A) 1) Expla	in the following in sh	Or (m.)		
i) Buffer		11) 2		(3M)
	whether true or false (	regions that are polar	and nonpolar.	
The H-O-H  In water hop  The henders	bond forms an angle oping the oxygen mole on-hasselbalch equation	of 104.5 tetranedral subscribe get transfer to on on is formed by their	e another.	nor and electron
6. The hydroge	n bonds are unique to	water.		(2) (
O. IV) B) 1) Explain	the following in shor	t (any one)	vice of protein de	(2M)
i) Aromatic R	R-group of amino acid	ii) Characte	ristics of protein de	
O IV) B) 2) State wh	hether true or false (ar	ny three)		(3M)
<ol> <li>Heat is a phys</li> <li>Sangers metho</li> <li>The formation</li> <li>I-fluoro-2,4-di</li> </ol>	sical agent for protein od is used only to iden of Rheuman's purple initrobenzene is an Economic protein tertiary	denaturation.  It if y the amino termine is an indication for the diman's reagent.	har	mo deld.
Q. IV) C) 1) Explain th				(2M)
i) Homopolysac		ii) Disaccharides		ARECO SON CHARA
(2. 11) (C) 2) State whet				(3M)
		ydrates which has all	the subunits simila	r to each
3. Lactose is made	up of β-D-glucose an	d α-D-fructose.		MELIOZETE SWA
4. Epimers are the c	compounds that have	their stereoisomers t	ogether.	But doll review A
Joins Biucome ac	IU.	s oxidized till the lev	el of carboxyl grou	ip increases, it
6. Glycogen is the st	ructural carbonydrat	e		A STATE OF THE