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7. Glucose on reaction with Br ₂ water gives a) glucaric acid b) gluconic acid c) saccharic acid d) citric acid [MHT-CET 2014] 8. One mole of stachyose on hydrolysis yields. a) 1 mole of glucose + 1 mole of fructose + 2 moles of galactose b) 2 moles of glucose + 1 mole of fructose + 1 mole of galactose c) 1 mole of glucose + 2 moles of fructose + 1 mole of galactose d) 2 moles of glucose + 2 moles of fructose [MHT-CET 2015] 9. During conversion of glucose into glucose cyanohydrins, what functional group / at of glucose is replaced? a) hydrogen b) aldehydic group d) secondary alcoholic group [MHT-CET 2016] 10. Glucose on oxidation with bromine water yields gluconic acid. This reaction configures of a) six carbon atoms linked in straight chain b) secondary alcoholic group in glucose d) primary alcoholic group in glucose	7. Glucose on reaction with Br ₂ water gives a) glucaric acid b) gluconic acid c) saccharic acid d) citric acid [MHT-CET 2014] 8. One mole of stachyose on hydrolysis yields. a) 1 mole of glucose + 1 mole of fructose + 2 moles of galactose b) 2 moles of glucose + 1 mole of fructose + 1 mole of galactose c) 1 mole of glucose + 2 moles of fructose + 1 mole of galactose d) 2 moles of glucose + 2 moles of fructose [MHT-CET 2015] 9. During conversion of glucose into glucose cyanohydrins, what functional group / ato of glucose is replaced? a) hydrogen b) aldehydic group d) secondary alcoholic group [MHT-CET 2016] 10. Glucose on oxidation with bromine water yields gluconic acid. This reaction confirmed presence of a) six carbon atoms linked in straight chain b) secondary alcoholic group in glucose	a) Stach	ose				d)	Ribose
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Glucose on oxidation with bromine water yields gluconic acid. This reaction confi presence of a) six carbon atoms linked in straight chain b) secondary alcoholic group in glucose	Glucose on oxidation with bromine water yields gluconic acid. This reaction confirmed presence of a) Six carbon atoms linked in straight chain b) secondary alcoholic group in glucose		547			d) seconda	ary alcoho	ne group
Olucose on oxidation with bromine water yields gluconic acid. This reaction control presence of a) six carbon atoms linked in straight chain b) secondary alcoholic group in glucose	Olucose on oxidation with bromine water yields gluconic acid. This reaction control presence of a) six carbon atoms linked in straight chain b) secondary alcoholic group in glucose	c) prima	ry alcoholic	c group	імнт-С	ET 2016]		
a) six carbon atoms linked in straight chain b) secondary alcoholic group in glucose	a) six carbon atoms linked in straight chain b) secondary alcoholic group in glucose			(100M) - 10 M (100M)	mine wat	er yields gluc	onic acid.	This reaction conf
a) six carbon atoms linked in straight chain b) secondary alcoholic group in glucose	a) six carbon atoms linked in straight chain b) secondary alcoholic group in glucose	10. Glucose	on oxidatio	n with bro	mine wat	,		
a) six carbon atoms linked in straight chart d) primary alcoholic group in glucose	a) six carbon atoms linked in straight chart c) aldehyde group in glucose	presence	of	والمراجع المراجع المرا	micht ch	ain b) second	ary alcoho	olic group in gluce
c) -11.1 L group in glucose	c) aldehyde group in glucose	a) six ca	rbon atoms	linked in st	raight ch	d) primar	y alcoholi	c group in glucos
() aldehyde group in 8-		c) aldeh	vde group i	n glucose		-/ 1		

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al hall

Biomolecules	NOT true about saccharic acid ?
 Which of the following statements is: a) It can be obtained from gluconic ac b) It contains one carboxyl group and c) It can be obtained from glucose 	id four hydroxyl groups to detect presence of five hydroxyl groups in a
39. Which of the following reagents is de-	cid c) Br ₂ water d) Hydroxyl <mark>amine</mark> used to confirm the presence of carbon yl grou
in glucose? a) dilute HNO ₃ b) hot HI 41. Which of the following molecules reduce a) Erythrose b) Acetone [MHT-C	c) Br ₂ water d) NH ₂ OH res Fehling's solution ? c) Sucrose d) Butan - 2 - one
 42. Identify ketose sugar from the following a) Glucose b) Threose 43. Identify the product obtained in the following 	c) Fructose d) Ribose
Glucose $\xrightarrow{(O)}$ Product	
 a) the six carbon atoms of glucose are in b) the presence of aldehyde group in glucose contains one primary alcohold) glucose contains five hydroxyl group 45. Which among the following compounds a) Maltose b) Ribose 46. Identify the reagent R used in following 	ic group. s. is NOT oligosaccharide ?
GlucoseR → Saccharic acid a) NH ₂ OH b) dil. HNO ₃ 47. Which among the following statements is a) It is aldehydic sugar. c) It is a keto sugar 48. Which from following statements is NOT a) It is reducing sugar c) It is disaccharide 19. Identify the product obtained when gluco a) Gluconic acid c) Glucose oxime	 c) KCN d) HI/Δ s true about threose ? b) It is a disaccharide. d) It is a pentose sugar. true about maltose ? b) It is milk sugar d) It contains α-1, 4 - glycosidic bond. ose is treated with hydroxylamine. b) Glucose cyanohydrip
	d) n-Hexane

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	1	30 lecure	587			
CE		Which from following molecules produ when 1 mole of that molecule is hydr	JCes 1 m - 1	MHT-CET		
ole c		when 1 mole or that molecule is hydr	olyzed ?	cose, fructose and galactose		
	1	patition of Statebucks				
		. L carbon atoms of direct : -	scher projecti	d) Sucrose		
	30	Which carbon atoms of glucose in Figure not chiral carbons?	projection formu	ıla, numbered from 1 to 6,		
		3 and 5 b) 1 and 6				
esent		Which of the following reagents is us	ed to confirm that al	d) 2 and 4		
	ş1-	group?	ordini mat glu	cose contains one carbonyl		
s.tre		a) Bromine water	b) Dilute nitric	a a i d		
tose		d Hydrogen cyanide	d) Acotic and	1 • 1		
	1.	which among the following carbo	hydrate molecular	. 11 11 1 -6		
	82.	moliosaccata	e of it is hydrolyzed?	rields highest humber of		
		a) Stachyose b) Sucrose	c) Lactose	d) Raffinose		
			and Enzymes	a) Raimose		
of						
			T-CET 2015]			
	83.	Which of the following proteins is gl	obular ?			
		a) Collagen b) Albumin	c) Myosin	d) Fibroin		
			T-CET 2019]			
	84.	β-pleated sheets of polypeptide chai	ns are present in			
		a) Secondary structure	b) Tertiary str	ucture		
		c) Primary structure	d) Quaternary	structure		
	85.	Which of the following molecules fo	rms a zwitter ion?			
		a) H ₂ NCH ₂ COOH b) CH ₃ COC ₂ H		H ₃ d) CH ₃ CH ₂ COOH		
	86.	The enzyme which converts maltose	e to glucose is			
	1	a) maltase b) lysine	c) insulin	d) zymase		
?		IMH	T-CET 2020]			
	07	How many optical isomers are poss	ible for a compound	having 3 asymmetric carbon		
	87.					
		atoms?	c) 8	d) 6		
	00	a) 9 b) 3				
	88.	What is molecular formula of glycer	c) C ₄ O ₃ H ₆	d) $C_3O_3H_6$		
		a) $C_3O_3H_8$ b) $C_2O_2H_2$	the compound he	aving four asymmetric carbon		
	89.	a) C ₃ O ₃ H ₈ b) C ₂ O ₂ H ₂ How many optical isomers are possil	ole for a compound			
1		atoms?		d) 12		
		a) 16 b) 8	c) 4	2.,		
	90.	Which among the following is a glo	bular protein?	D. Marania		
		which among the following	c) Insulin	d) Myosin		
	01	a) Collagen b) Fibroin	of linkages is present	kages is present in cellulose? b) 1 → 4 α glycosidic linkages		
	91.	Which among the following types of	b) $1 \rightarrow 4 \alpha \text{ gl}$			
		a) $1 \rightarrow 6 \beta$ glycosidic linkages	d) $1 \rightarrow 6 \alpha \text{ gl}$	ycosidic linkages		
		c) $1 \rightarrow 4 \beta$ glycosidic linkages	u) I			
		. b 9.1				

	hat is the number of chiral carbon atoms in at. MHT-C	FT						
	1 Aller	E I						
- 3	Zero one is observed in a contract to the contract of the cont							
	What time? When it is heated with had							
	f" - arbon is exidized to - COOU							
	a) Last Care CHO reduces to -CH ₂ OH b) Last care chop atoms are reduced.							
1	all carport around are reduced completely to							
1	-HO changes to oxine group.							
1	and among the following reagents is used to							
	Which group?	nse to						
-	41 HNO3 b) Na - Hg/H ₂ O c) NH_OH							
1	what is the sum total of masses of products obtained when 171 g of suc	rose is						
r	hydrolyzed in acidic medium ? (Molar mass of sucrose = 340 g mol ⁻¹)							
1	a) 38.5 g b) 18.0 g c) 32 g d) 35.8 g							
L	Nucleic acids							
ı	[MHT-CET 2007]							
I.	Zwitter ion is formed by							
100.	a) aniline b) acetanilide c) benzoic acid d) glycine							
ı	[MHT-CET 2016]							
	Which of the following amino acids is basic in nature?							
]]/5.	1) To come of Aronnine will be a second							
	a) Valine b) Tyrosine c) Tightine [MHT-CET 2017]							
150	The amino acid which is basic in nature is							
110.	1) 11011110							
	[MHT-CET 2018]							
	- NOT contain - C-	OH bond?						
111	III. Which carbon atom of deoxy ribose sugar in DNA does NOT contain -C-OH bond?							
7.83	a) C							
	h) l o							
	[MHT-CET 2017]							
112.	Which of the following is NOT present in DNA? c) Guanine d) Thymis	ne						
113	hetero cyclic inig	ne						
	b) Invinio							
	IMHI-CEI 2020	Correct?						
114	of symbol and nature of antito deliberate of the His-	Basic						
114,	[MHT-CET 2020] [MHT-CET 2020] [MHT-CET 2020] [MHT-CET 2020] [Which from following pairs of symbol and nature of amino acids is NOT correct? [A Which from following pairs of symbol and nature of amino acids is NOT correct? [MHT-CET 2020] [MHT-CET 2020]							
	a) Glu - Acidic b) Asp - 1400							

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