The West Bengal University of Health Sciences B.Sc. in Medical Microbiology 2nd Semester September, 2023 Examination

Subject : Basics of Biochemistry RORE CITY CO

a) Example of non-reducing sugar is: i) Glucose. ii) Sucrose. iii) Fructose. iv) Galactose b) Glucose and galactose are epimers at carbon: i) 2. ii) 3. iii) 4. iv) 6.	0 x 1
1. Choose the correct answer: a) Example of non-reducing sugar is: i) Glucose. ii) Sucrose. iii) Fructose. iv) Galactor b) Glucose and galactose are epimers at carbon: i) 2. ii) 3. iii) 4. iv) 6.	
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b) Glucose and galactose are epimers at carbon: i) 2. ii) 3. iii) 4. iv) 6.	se.
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그는 그렇게 다양하는 경향하는 그녀는 그들은 이번 나라가 되었다. 그러나 얼마를 하면 어떻게 되었다. 하나는 이번 나를 하는데 하나 하는데	
c) Example of super secondary structure of protein is:	
i) α-helix. ii) β-pleated sheet. iii) βαβ motif. iv) Turn.	
d) Aldolase belongs to which enzyme class?	
i) Isomerase. ii) Transferase. iii) Ligase. iv) Lyase.	
e) Aromatic ring containing amino acid is:	
i) Lysine. ii) Leucine. ii) Phenylalanine. iv) Valine.	
f) Pellagra is caused due to deficiency of:	
i) Vitamin B1. ii) Vitamin C. iii) Vitamin B3. iv) Vitamin	D.
g) In nucleoside there is absence of:	
i) Pentose sugar. ii) Phosphate group. iii) Nitrogenous base. iv) Sugar.	
h) Which vitamin is water soluble?	
i) Vitamin A. ii) Vitamin B12. iii) Vitamin D. iv) Vitamin	K.
i) Another name of Phosphatidylcholine is:	
i) Cephalin. ii) Lecithin. iii) Cardiolipin. iv) Sphingo	sine.
j) 10.4 bp/turn is present in case of:	
i) A DNA. ii) Z DNA. iii) B DNA. iv) Watson-Crick D	NA.
그렇다. 네트림 회사 대통령 및 레크랑 클릭과 영화 제 4~ 명화의 시크로 함께,	
2. Answer <i>any four</i> of the following questions :	4 x 2
a) Mention any two properties of fatty acid.	
b) What is Km?	
c) Write down any two functions of vitamin D.	
d) What is reducing sugar?	
e) What is Z DNA?	
f) What is Multiple Myeloma?	
3. Answer <i>any four</i> of the following questions :	4 x 4
a) Write a short note on Pernicious anaemia.	
b) Describe the reaction of osazone formation.	
c) Discuss the factors affecting enzyme action.	
d) Describe the structure of β -pleated sheet.	
e) Discuss the factors which increase calcium absorption.	
f) Classify lipoproteins.	
상 그러면 그렇게 있는 하셨다. 이렇게 하면 하는 이 게임이 있는 사람이 되었다고 있다면 하셨다. 사람이 뭐	
4. Answer <i>any two</i> of the following questions:	
a) Which vitamin deficiency leads to Scurvy? Mention the sources and functions of that	
vitamin.	1+7
b) What is nucleotide? Describe the Watson-Crick Model of DNA helix.	2+6
c) What is Microcytic anaemia? Discuss the factors inhibiting iron absorption.	3+5