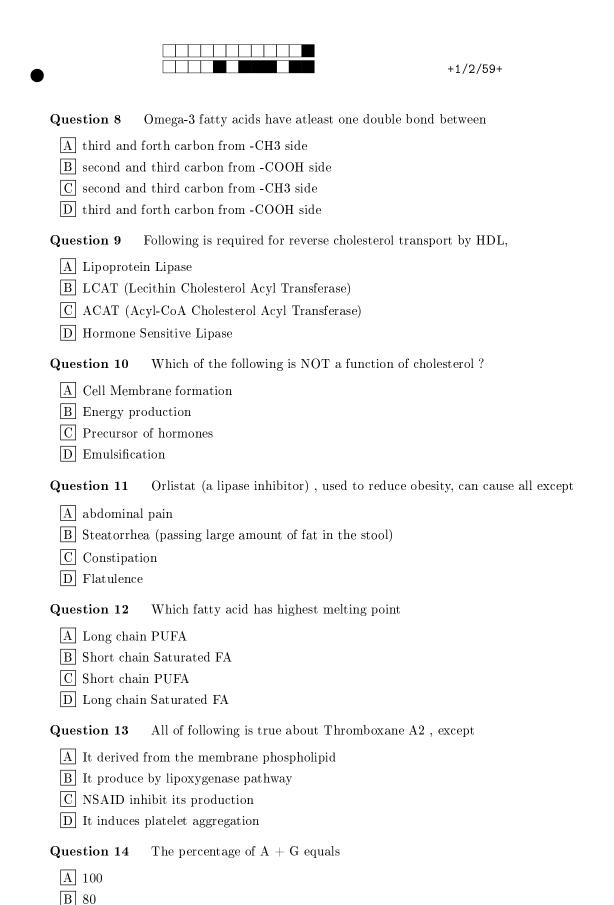
| Question 1 | Following is most preferable item in Gout? | |
|--|--|----|
| A Fish | | |
| B Meat | | |
| C Egg | | |
| D Green le | eafy vegetables | |
| Question 2 | Glucose 6 Phosphate Dehydrogenase deficiency causes all EXCEP | Γ, |
| | cy of NADPH | |
| B Hemolys | | |
| | mbrane injury | |
| D Denciene | cy of Ribose 5 Phosphate | |
| ${\bf Question} {\bf 3}$ | The activity of lipoprotein lipase is increased by | |
| A Chondro | pitin sulphate | |
| B Hyaluro | | |
| C Keratan | - | |
| D Heparin | | |
| Question 4 | The activity of following enzyme is increased by insulin EXCEPT | |
| A Hexokin | ase | |
| B Pyurvat | e kinase | |
| | e dehydrogenase | |
| D Glucokii | nase | |
| Question 5 | Following is generally given as enema | |
| A Hyperto | nic Glycerol | |
| B Hypoton | - | |
| C Sterile w | | |
| D Hypotor | nc Saline | |
| Question 6 | Glucuronic acid is used in the metabolism of all EXCEPT | |
| A Bilirubu | n | |
| B Drugs | | |
| C Bile Salt D Proteogl | | |
| D Proteogi | · | |
| Question 7 | Sodium glucose symport in intestine obtains energy directly from | |
| | n ion concentration gradient | |
| B ATP | ion concentration and iont | |
| $oxed{\mathbb{C}}$ sodium i $oxed{\mathbb{D}}$ GTP | ion concentration gradient | |
| ~ | | |



C 50D 26

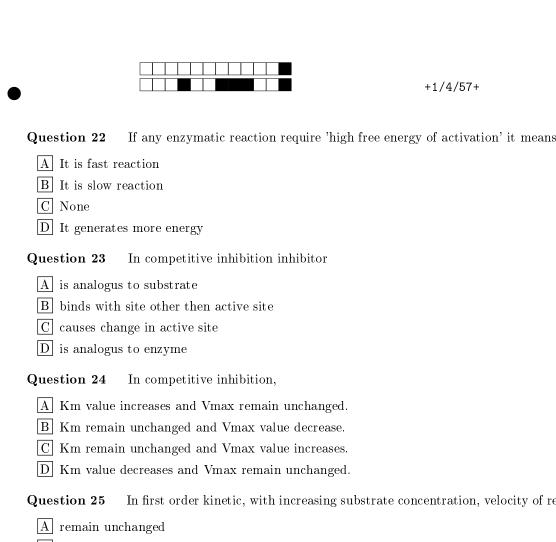
+1/3/58+ Question 15 The 3' end of each Okazaki fragment is joined to the 5' end of the next fragment A DNA Polymerase III and DNA ligase B DNA ligase C DNA Polymerase I and DNA ligase D DNA Polymerase I Question 16 Which of the following is not true for histones? A H1,H2,H3 and H4 form the nucleosome core B They are associated with the nucleosome C They are rich in basic amino acids D H1 functions as a monomer Question 17 DNA polymerase I can do all of following except, A 3'to 5' exonuclease activity B 5' to 3' exonuclease activity C 5' to 3' polymerase activity D 3' to 5' polymerase activity Question 18 During translation, Wobbling phenomena prevent effect of A point mutation B codon deletion C frame shift mutation D base deletion Question 19 Following exist between two adjacent intra chain nitrogen bases in double stranded DNAA Glycosidic bond B Phosphodiester bond C Hydrogen bond D Hydrophobic interaction Question 20 Telomerase help to initiate A Replication of telomer B Shorting of telomer [C] Replication of telomer and Extension of telomer

Question 21 Which fatty acid has highest melting point?

- A unwind DNA, weaken hydrogen bond and decrease supercoiling
- B weaken hydrogen bond
- C decrease supercoiling

D Extension of telomer

D unwind DNA



In first order kinetic, with increasing substrate concentration, velocity of reaction

- B decreases.
- C increases
- D None of these

Question 26 Ethanol is use in methanol poisoning as it causes

- A non-compatitive inhibiton of ADH enzyme
- B suicide inhibiton of ADH enzyme
- C allosteric inhibition of ADH enzyme
- D compatitive inhibition of ADH enzyme

Question 27 Haemoglobin is good buffer in blood because

- A haemoglobin concentration is high in blood.
- B pK of it's histidine residue is nearer to physiological pH. and haemoglobin concentration is high in blood
- |C| pK of it's histidine residue is nearer to physiological pH.
- D it's pI is nearer to physiological pH.

Question 28 All of the following help prevent formation of bad taste and bed odor (rancidity) of the fried foods except

- A Nitrogen Packing
- B Vaccum Packing
- C Vitamin E
- D PUFA



Question 29 A patient came in emergency with history of Snake bite. Complete Blood Count report showed Hb: 4.0 gm %. Snake venom have phospholipases. The cause for anemia is

- A Inhibition of phopholipid synthesis
- B Damage to RBC membrane.
- C Damage to RBC membrane, Detergent activity of Phospholipases and Inhibition of phopholipid synthesis
- D Detergent activity of Phospholipases

Question 30 Which of the following is essential fatty acid?

- A Linoleic acid and Linolenic acid
- B Arachidonic acid
- C Linoleic acid
- D Linolenic acid



Answer sheet:

| Firstname and | lastname: |
|---------------|-----------|
| | |
| | |

Answers must be given exclusively on this sheet: answers given on the other sheets will be ignored.

- QUESTION 1: A B C D
- A B C D QUESTION 2:
- QUESTION 3: A B C D
- A B C D QUESTION 4:
- A B C D QUESTION 5:
- QUESTION 6: A B C D
- QUESTION 7: |A| |B| |C| |D|
- QUESTION 8: A B C D
- QUESTION 9: A B C D
- QUESTION 10: A B C D
- QUESTION 11: A B C D
- A B C D QUESTION 12:
- A B C D QUESTION 13:
- A B C D
- QUESTION 14:
- A B C QUESTION 15:
- A B C QUESTION 16:
- QUESTION 17: A B C
- QUESTION 18: A B C
- QUESTION 19: [A] [B] [C]
- QUESTION 20: A B C D
- A B C D QUESTION 21:
- QUESTION 22: A B C D
- A B C D QUESTION 23:
- A B C D QUESTION 24:
- A B C QUESTION 25:
- QUESTION 26: A B C D
- A B C D QUESTION 27:
- A B C D QUESTION 28:
- A B C D QUESTION 29:
- QUESTION 30: A B C D