



SUBJECT – CHEMISTRY DURATION – 30 mins

F.M. - 15 DATE - 01.02.21

- 1. Which among the following is not polymeric?
- (a) Carbohydrates
- (b) Nucleic acids
- (c) Proteins
- (d) Lipids

2. The simplest amino acid is

- (a) Glycine
- (b) Alanine
- (c) Asparagine
- (d) Tyrosine

3. Amino acids are mostly synthesised from

- (a) fatty acids
- (b) mineral salts
- (c) α -ketoglutaric acid
- (d) volatile acids

4. Amino acids with the aliphatic 'R' group are

- (a) Glycine, alanine, leucine
- (b) Serine, threonine, cysteine
- (c) Lysine, arginine, histidine
- (d) Phenylalanine, tyrosine and tryptophan

5. Which of the following amino acids is not necessary to be taken in the diet?

- (a) histidine
- (b) threonine
- (c) serine
- (d) lysine

6. An amino acid yielding acetyl CoA during catabolism is

- (a) ketogenic
- (b) glucogenic
- (c) essential

(d) bothglucogenic and ketogenic

7. The first amino acid of any polypeptide chain in eukaryotes is

- (a) valine
- (b) methionine
- (c) glycine
- (d) alanine

8. Amino acids with aromatic side chain are

- (a) tryptophan, asparagine, tyrosine
- (b) tryptophan, threonine, tyrosine
- (c) phenylalanine, tryptophan, serine
- (d) phenylalanine, tryptophan, tyrosine

9. The naturally occurring proteins consist of

- (a) D-amino acids
- (b) L-amino acids
- (c) both (a) and (b)
- (d) none of these

10. Which of the following amino acids has to be supplemented in the diet?

- (a) phenylalanine
- (b) cysteine
- (c) glutamine
- (d) asparagine

11. The naturally occurring form of amino acid in proteins

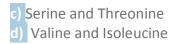
a) L-amino acids only b) D-amino acids only c) both L and D amino acids d) none of these

12. The naturally occurring form of amino acid in proteins

- a) L-amino acids only
- b) D-amino acids only
- c) both L and D amino acids
- d) none of these

13. Amino acids with hydroxyl groups are

a) Serine and Alanine b) Alanine and Valine



14. Which out of the followings is not a fibrous protein?

a) Carbonic anhydrase
b) Collagen
c) Fibrinogen
d) Keratin

15. Which of the following amino acid is sweet in taste?

a) Glycine
b) Alanine
c) Glutamic acid
d) None of these

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