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**1. Amino acids are**

- a) building blocks of carbohydrates
- b) building blocks of nucleic acids
- c) building blocks of lipids
- d) building blocks of proteins**

**2. Amino acids has**

- a) both amino group and carboxyl group**
- b) both amino group and keto group
- c) amino group only
- d) carboxyl group only

**3. The simplest amino acid is**

- a) Proline
- b) methionine
- c) glycine**
- d) serine

**4. Which of the following amino acid is a ' $\alpha$ -helix terminator'**

- a) tryptophan
- b) phenyl alanine
- c) tyrosine
- d) proline**

**5. The first amino acid in a polypeptide chain is**

- a) Serine
- b) Valine
- c) Alanine
- d) Methionine**

**6. Which of the following amino acid has buffering capacity**

- a) Tryptophan
- b) cysteine
- c) histidine**
- d) arginine

**7. Which of the following is an  $\alpha$  imino acid**

- a) serene
- b) threonine
- c) valine
- d) proline**

**8. 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

**9. Sulphur containing amino acids are**

- a) Cysteine and methionine**
- b) Methionine and threonine
- c) Cysteine and threonine

d) Cysteine and serine

**10. Aromatic amino acids include**

**a) Phenylalanine, tyrosine and tryptophan**

b) Phenylalanine, serine and tryptophan

c) Threonine, tyrosine and tryptophan

d) Asparagine, tyrosine and tryptophan