

NEET - C9 – BIOMOLECULE

1. Number of pyrimidines found in nucleotides is
 - A. 3
 - B. 2
 - C. 1
 - D. Numerous
2. The two polynucleotide chains of DNA are
 - A. Discontinuous
 - B. Antiparallel
 - C. Semiconservative
 - D. Parallel
3. Deoxyribose is
 - A. $C_5H_{10}O_5$
 - B. $C_5H_{10}O_4$
 - C. $C_5H_{12}O_6$
 - D. $C_6H_{12}O_5$
4. Which one of the following is structural protein
 - A. Keratin
 - B. Haemoglobin
 - C. Amino acid
 - D. Gelatin
5. The fastest enzyme is
 - A. Urease
 - B. Carbonic anhydrase
 - C. Trypsin
 - D. Pepsin
6. Iodine gives color
 - A. Purple with amylose
 - B. Bluish black with amylopectin
 - C. Bluish black with amylose and purple with amylopectin
 - D. Red with amylose and blue with amylopectin
7. Cane sugar hydrolyses to form
 - A. Glucose ± Fructose
 - B. Glucose + Glucose
 - C. Glucose + Galactose
 - D. Glucose + Maltose
8. Nobel Prize for discovering enzymes was given to
 - A. Kuhne
 - B. Duclaux
 - C. Buchner
 - D. Dubrunfaut
9. Nonprotein part of holoenzyme is
 - A. Vitamin
 - B. Cofactor
 - C. Fatty acid
 - D. Zymogen

S.THIYAGARAJAN. M.SC., M.PHIL., B.Ed.,
PH: 9944664846
Magalingapuram, Pollachi.

10. Thymine is

- A. Amino acid
- B. Purine
- C. Pyrimidine
- D. Fatty acid

11. Arachidonic acid gives rise to

- A. Terpenes
- B. Prostaglandins
- C. Gangliosides
- D. Cerebrosides

12. Essential amino acid is

- A. Serine
- B. Phenylalanine
- C. Aspartic acid
- D. Tyrosine

13. Biomolecules are

- A. Inorganic
- B. Vital
- C. Organic
- D. Both A and B

14. Collagen is

- A. Carbohydrate
- B. Lipid
- C. Fibrous protein
- D. Globular protein

15. Epimerase belongs to the class of enzymes

- A. Hydrolases
- B. Ligases
- C. Isomerases
- D. Oxidoreductases

16. Monosaccharides have carbons

- A. 20
- B. 10-15
- C. 2-10
- D. 3-7

17. Anticodon occurs in

- A. DNA
- B. tRNA
- C. mRNA
- D. rRNA

18. DNA and RNA show similarity in having

- A. Polymers of nucleotides
- B. Similar pyrimidines
- C. Double strands
- D. Similar sugars

19. Number of protein amino acids is are

- A. 20
- B. 16
- C. 32
- D. 64

NEET - C9 – BIOMOLECULE - KEY

| | | | | |
|-------|-------|-------|-------|-------|
| 1. A | 2. B | 3. B | 4. A | 5. B |
| 6. C | 7. A | 8. C | 9. B | 10. C |
| 11. B | 12. B | 13. B | 14. C | 15. C |
| 16. D | 17. B | 18. A | 19. A | 20. B |
| 21. A | 22. D | 23. C | 24. B | 25. C |

www.Padasalai.Net