

BIOTECHNOLOGY AND BIOINFORMATICS

1. The number of asymmetric carbon atom in D-glucose is —
(A) 4 (B) 5
(C) 3 (D) 6
2. The full form of RT-PCR is :
(A) real-time polymerase chain reaction
(B) random test polymerase chain reaction
(C) real-time polymer compound reaction
(D) random test polymer compound reaction
3. The codon is a _____.
(A) singlet (B) duplet
(C) triplet (D) quadruplet
4. During DNA replication, the enzyme which helps in unwinding the two strands is —
(A) Tocopherol (B) Amylase
(C) Synthetase (D) Helicase
5. Which of the vitamins given below is water soluble ?
(A) Vitamin C (B) Vitamin D
(C) Vitamin E (D) Vitamin K
6. Which of the following plant cell will show totipotency ?
(A) Xylem vessels (B) Sieve tube
(C) Meristem (D) Cork cells
7. Chitin is a —
(A) Polysaccharide (B) Nitrogenous polysaccharide
(C) Lipoprotein (D) Protein
8. Proteomics refers to the study of _____.
(A) set of proteins in a specific region of the cell
(B) biomolecules
(C) set of proteins
(D) the entire set of expressed proteins in the cell