

Note: You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill that circle in front of that question number. Use marker or pen to fill the circles. Cutting or filling two or more circles will result in zero mark in that question.

1. 1 - Retroviruses have special enzyme which can convert a single stranded RNA to double stranded DNA, named as

(A) catalase (B) reverse transcriptase (C) sucrase (D) arginase

- 2 - The substance which inhibits blood clotting is

(A) heparin (B) histamine (C) fibrin (D) albumin

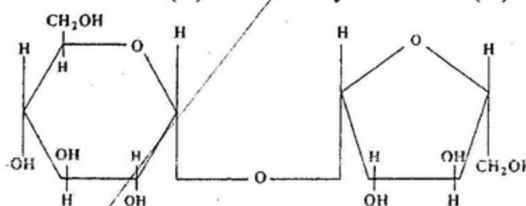
- 3 - What happens to Oxygen in respiratory electron transport chain?

(A) forms CO₂ (B) released as gas (C) forms NAD (D) reduced to H₂O

- 4 - The causal organism of amoebic dysentery in human, is

(A) Paramecium (B) Amoeba (C) Tse-Tse fly (D) Entamoeba

- 5 - This diagram shows a Carbohydrate,



What is the name of bond which links the two subunits?

(A) A Glycosidic bond (B) A Hydrogen bond (C) A Peptide bond (D) Ester linkage

- 6 - Diameter of bronchiole is about

(A) 1 mm (B) 2 mm (C) 3 mm (D) 4 mm

- 7 - Double fertilization is the characteristic of

(A) Angiosperms (B) Gymnosperms (C) Bryophytes (D) Ferns

- 8 - During fermentation, the amount of energy present within the chemical bonds of glucose which is converted to ATP, is

(A) 1% (B) 98% (C) 2% (D) 99%

- 9 - In normal human body, the percentage of plasma in blood is

(A) 90% (B) 45% (C) 10% (D) 55%

- 10 - New ribosomes are assembled in

(A) Nucleolus (B) Mitochondrion (C) Lysosomes (D) Golgi apparatus

- 11 - A group of similar cells that performs a specific function is called

(A) system (B) organelle (C) organ (D) tissue

- 12 - The phase of rapid growth in bacteria is called

(A) stationary phase (B) log phase (C) lag phase (D) death phase

- 13 - Which one of the following is the length of the giant squid?

(A) 10 meter (B) 50 meter (C) 200 meter (D) 15 meter

- 14 - The first part of small intestine is called

(A) jejunum (B) duodenum (C) ileum (D) colon

- 15 - In most of the sponges, outer layer of body wall is made up of

(A) Choanocytes (B) pinacocytes (C) erythrocytes (D) leucocytes

- 16 - Lovastatin is used for lowering

(A) blood salts (B) blood glucose (C) blood pressure (D) blood cholesterol

- 17 - The inorganic and detachable cofactor is called

(A) coenzyme (B) prosthetic group (C) activator (D) inhibitor