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Department: Dpt 4th semester

Biochemistry,

DPT IV

MARKS: - 30

Choose the correct answer;

1)The protein which connect extracellular matrix with inside of cell is called

**C) Integrin.**

2) Protoglycan consist of

**C) both a and b.**

3)The percentage of collagen in human body is

**C) 30%**

4) Collagen found in

**D) all of them**

5) Elastin is made up of which amino acids

**A) Lysine**

6) In proteoglycan proteins combine with carbohydrates through which bond

**B) covalent**

7) The cytoskeleton is responsible for **C) both a and b**

8) Anabolism is a type of **A) Metabolism**

9) Conversion of energy is study in **B) bioenergetics**

10) The process in which oxygen is needed and carbon dioxide is produced is called

**C) cellular respiration**

11) Cytoskeleton proteins are

**C) polymers**

12) In glycolysis, glucose is breakdown into

**B) pyruvic acid**

13) The proteins in electron transport chain are of which nature

**A) Electronegative**

14) Digestion of carbohydrates starts from

**A)Mouth**

15) Which enzyme is present in mouth for carbohydrates digestion

**C) amylase**

16) The four proteins present in electron transport chain is called

**B) complex protein**

17) The protein involve in electron transport chain is

**A) Flavoprotein collagen**

18) In how many steps glycogenesis process is completed

**D) none of them**

19) Gluconeogenesis is the process in which glucose is obtain from

**D) all a, b& c**

20) The protein which is involved in glycogenesis process is called

**D) none of them**

21) Which of the following is not formed during the Krebs cycle **A) Lactate**

22) A single molecule of glucose generates \_\_\_\_\_ molecules of acetyl CoA, which enters the Krebs cycle.

**C) 2**

23) How many steps are involved in glycolysis

**C) 10**

24) ribose-5-phosphate is formed from the pentose phosphate pathway which is the precursor of

**A) Nucleic acid**

25) The substance that holds the body together is

**C) collagen**

26) Most of glycogen is stored in

**A) Liver**

27) The process of electron transport chain takes place in

**A) Mitochondrial matrix**

28) Glycogenesis means

**A) Synthesis of glycogen**

29) Glycogenolysis means

**C) synthesis of glucose**

30) Gluconeogenesis is the reverse of

**C) glycolysis.**