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ZOO102 QUIZ 1 SOLVED

Provide by VU Answer

1. ____ from lipid bilayer.

- a) Proteins
- b) Cholesterol
- c) Phospholipids**
- d) Carbohydrates

2. ____ is primarily synthesized by plants during photosynthesis

- a) Starch
- b) Glycogen
- c) Glucose**
- d) Chitin

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3. Which of the following is the secondary sex characteristics in males?

- a) Estrogen
- b) Progesterone
- c) Testosterone**
- d) Thyroid gland

4. One of the following provides strength to cell wall of plants.

- a) Glucose
- b) Cellulose**
- c) Glycogen
- d) Starch

5. Amino hydrogen of one amino acid makes a bond with carboxylic oxygen of ____ amino acid.

- a) Third
- b) Fourth**

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- c) First
- d) Second

6. Movement of molecules from an area of high concentration to the area of low concentration with the help of membrane proteins is called ____.

a) Facilitated diffusion

- b) Permeability
- c) Simple diffusion
- d) Transfusion

7. The minimum pressure required to prevent the inward flow of its pure solvent across a semipermeable membrane is called ____.

- a) Simple diffusion
- b) Osmosis

c) Osmotic pressure

- d) Facilitated diffusion

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8. Which of the following is an example of lipids?

a) Starch

b) Steroids

c) Glycogen

d) Glucose

9. Most of the enzymes are ____ in nature.

a) Lipids

b) Carbohydrates

c) Minerals

d) Protein

10. Which of the following is the secondary sex characteristics in female?

a) Estrogen

b) Progesterone

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- c) Thyroid gland
- d) Testosterone

11. Which of the following is the naturally occurring lipids which contain four fused carbon rings is known as ____.

- a) aldosterone
- b) All of them**
- c) cholesterol
- d) Vitamin D

12. Movement of molecules from an area of high concentration to the area of low concentration is called ____.

- a) Permeability
- b) Transfusion
- c) Simple diffusion**
- d) Transverse diffusion

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13. ____ Brakes down into glucose

- a) Glucose
- b) Starch
- c) Glycogen
- d) Cellulose**

14. Melting point increase with increase in number of ____.

- a) Carbon atoms**
- b) Sugar
- c) Phosphate group
- d) Hydroxyl group

15. Cell in which genetic material is enclosed in a membranous structure called ____.

- a) Mitochondria

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b) Molecules

c) Nucleus

d) Cytoplasm

16. Having single covalent bond between all carbons are ★ .

a) Unsaturated

b) Polypeptides

c) Steroids

d) Saturated

17. Nucleus can lose its control on cytoplasm.

a) Inappropriate size

b) Very small

c) Very large

d) Average size

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18. Smallest independent unit of life is a ____.

- a) Molecule
- b) None of them

c) Cell

- d) Mitochondria

19. Solubility decreases with increases in ____.

- a) Phosphate group
- b) Hydroxyl group

c) Carbon chain size

- d) Sugar

20. ____ makes less than 1% of the cell.

a) Cholesterol

- b) Proteins
- c) Carbohydrates

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d) Phospholipids

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