

1 - Community consists from :

- a- Organisms.
- b- Populations.**
- c- Ecosystems.
- d- Organs.

2- The function group that consists from NH_3 & COOH is :

- a- Amino acids.**
- b- Ketone.
- c- Alcohols.
- d- All of them.

3- All the differ ecosystems called :

- a- Atmosphere.
- b- Biosphere.**
- c- Hydrosphere.
- d- Space.

4- Glucose is the built unit for :

- a- Maltose.
- b- Sucrose.
- c- Lactose.
- d- All of them.**

5- DNA is inherited from parents to

- a- Organelles.
- b- Orange.
- c- Offspring.**
- d- Nature.

6- One of the following is a characterize for the saturated fatty acids :

- a- Contain one or more double bond.
- b- Liquid at room temperature.
- c- Low melting point.
- d- None from the above.**

7- Eukaryotic cells :

- a- True nucleus containing of DNA.
- b- True nucleus free from DNA.
- c- Absent nucleus with DNA.
- d- Absent nucleus with absent DNA.

8- Eukaryotic cells & prokaryotic cells share the following property :

- a- Both don't have a DNA.
- b- Both have true nucleus.
- c- Both have a genetic materiel.
- d- Both have a true organelle.

9- The nuclear membrane is absent in :

- a- Bacteria and Achaea.
- b- Fungi and Animals.
- c- Fungi and Plants.
- d- All eukaryotic.

10- Shows a decreasing in order of life's hierarchy :

- a- organism>organ system>organ>tissue.
- b- tissue>organ>organ system>organism.
- c- organism>organ system>cell>organelle.
- d- cell>tissue>organ>organ system.

11- Coiling of the polypeptide....

- a- Primary structure.
- b- Secondary structure.
- c- Tertiary structure.
- d- Quaternary structure.

12- Energy stored in plants & animals by :

- a- Starch , Glycogen.
- b- Cellulose , Chitin.
- c- Glucose , Fructose.
- d- Galactose , Glucose.

13- The highest level in the classification is :

- a- Domain and Kingdom.
- b- Genus and Species.
- c- Family and Species.
- d- Domain and Phylum.

14- Lipids do not mix with water, and this means lipids are :

- a- Lipophilic.
- b- Hydrophilic.
- c- Hydrophobic.

15- Which one from the following does NOT consider as a disaccharides:

- a- Glucose
- b- Fructose
- c- Galactose
- d- All of the above

16- Organisms that use photosynthesis considered as :

- a- Consumer
- b- Producer
- c- Animals
- d- None from the above

17- Dynamics of an ecosystem include two major processes :

- a- Reproduction and adaption.
- b- Water and nutrients.
- c- Flow of energy and cycling nutrients.

18- One of the following properties belongs to the RNA :

- a- Consists from a single strand
- b- Contains uracil
- c- Has ribose
- d- All of the above

19- One from the common properties for living things :

a- Growth and Development.

b- Reproduction.

c- Response to environment.

d- All of the above.

20- Energy enters ecosystem as :

a- Thermal energy.

b- Kinetic energy.

c- Light energy.

d- Heat energy.