

10. Two types of sclerenchyma cells are \_\_\_\_\_.
- (A) Fibers and sclereids (B) Cortex and pith  
(C) Xylem and phloem (D) None of the above
11. Cell Theory states that \_\_\_\_\_
- (A) All organisms are composed of one or more cells  
(B) All organisms are composed of only one cell  
(C) All cells come from tissues  
(D) First and second choice
12. Photosynthetic organisms .....
- (A) Provide food (B) Are called producers  
(C) Are called consumers (D) First and second choice
13. The discrete unit of DNA is called \_\_\_\_\_
- (A) Carbohydrate (B) Gene  
(C) Protein (D) All of the above
14. The characteristics of life include all of the following EXCEPT
- (A) Energy processing (B) Not to interact with the environment  
(C) Response to stimuli (D) Growth and development
15. Anything that occupies space and has mass is known as a (an) \_\_\_\_\_
- (A) Element (B) Matter  
(C) Molecule (D) Compound
16. Which of the following subatomic particles has a single positive charge?
- (A) Electron (B) Neutron  
(C) Proton (D) None of the above
17. The movement of water from the roots of a tree to its leaves depends on.....
- (A) Cohesion alone (B) Adhesion alone  
(C) Cohesion and adhesion (D) None of the above
18. Peoples who cannot digest milk-based foods are \_\_\_\_\_ intolerant.
- (A) Fats (B) Food  
(C) Lactose (D) None of the above
19. \_\_\_\_\_ means all the individuals of a species only interbreed with each other within a specific area
- (A) Population (B) Community  
(C) Biosphere (D) First and second choice

10. Two types of sclerenchyma cells are D.  
(A) Fibers and sclereids (B) Cortex and pith  
(C) Xylem and phloem (D) None of the above
11. Cell Theory states that A.  
(A) All organisms are composed of one or more cells  
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(D) First and second choice
12. Photosynthetic organisms ..... D .....  
(A) Provide food (B) Are called producers  
(C) Are called consumers (D) First and second choice
13. The discrete unit of DNA is called B.  
(A) Carbohydrate (B) Gene  
(C) Protein (D) All of the above
14. The characteristics of life include all of the following EXCEPT B.  
(A) Energy processing (B) Not to interact with the environment  
(C) Response to stimuli (D) Growth and development
15. Anything that occupies space and has mass is known as a (an) B.  
(A) Element (B) Matter  
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16. Which of the following subatomic particles has a single positive charge? C  
(A) Electron (B) Neutron  
(C) Proton (D) None of the above
17. The movement of water from the roots of a tree to its leaves depends on..... C .....  
(A) Cohesion alone (B) Adhesion alone  
(C) Cohesion and adhesion (D) None of the above
18. Peoples who cannot digest milk-based foods are C intolerant.  
(A) Fats (B) Food  
(C) Lactose (D) None of the above
19. A means all the individuals of a species only interbreed with each other within a specific area  
(A) Population (B) Community  
(C) Biosphere (D) First and second choice

20. The pH Scale \_\_\_\_\_  
(A) Ranges from 0 to 14  
(C) Mean serves tension  
(B) Means potential of hydrogen  
(D) First and second choice

21. Hydrophobic \_\_\_\_\_  
(A) Have a polar R group  
(C) Is soluble in water  
(B) Have a non-polar R group  
(D) First and second choice

22. Venus flytrap closes its trap in \_\_\_\_\_ to the stimulus of a house fly  
(A) Evolution  
(C) Reproduction  
(B) Response  
(D) All of the above

23. The genetic material of \_\_\_\_\_ is not surrounded by a nuclear membrane  
(A) Fungi  
(C) Bacteria  
(B) Plants  
(D) Animal

24. All of the following are inorganic compounds EXCEPT  
(A) Sulphuric acid  
(C) Magnesium chloride  
(B) Protein  
(D) Sodium hydroxide

25. A jackrabbit can adjust its body temperature by regulating the amount of blood flowing through its \_\_\_\_\_  
(A) Nose  
(C) Ears  
(B) Feet  
(D) None of the above

1<sup>st</sup> Periodical Exam in General Biology (Bio110)1<sup>st</sup> Semester 1438 / 1439

1. The following is Eukaryotes D  
(A) Plants  
(B) Animals  
(C) Bacteria  
(D) First and second choice
2. A is consists of a hydrogen bonded to an oxygen  
(A) Hydroxyl group  
(B) Amino group  
(C) Phosphate group  
(D) First and second choice
3. Which statement is true C  
(A) Logos means life  
(B) Biology study of all non living things  
(C) Logos means science ✓  
(D) First and second choice
4. Hydrophilic A  
(A) Have a polar R group  
(B) Have a non-polar R group  
(C) Is Insoluble in water  
(D) None of the above
5. D are examples of inorganic molecules  
(A) Lipids  
(B) Proteins  
(C) Nucleic acids  
(D) Water
6. Energy enters as C and exits as C  
(A) Heat - light  
(B) Liquid - water  
(C) Light - heat  
(D) First and second choice
7. The most abundant lipids of the plasma membrane are A  
(A) Phospholipids  
(B) Salt  
(C) Steroids  
(D) All of the above
8. Polysaccharides include B  
(A) Protein  
(B) Glycogen  
(C) Fats  
(D) First and second choice
9.  $^{14}\text{C}$  (One isotope of carbon) D  
(A) Is an unstable (radioactive)  
(B) Has 8 neutrons instead of 6  
(C) Has 6 neutrons  
(D) First and second choice

10. \_\_\_\_\_ is consists of a hydrogen bonded to an oxygen  
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13. Which of the following subatomic particles has a single positive charge?  
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14. \_\_\_\_\_ are the main components of cell membranes  
(A) Nucleic acid (B) Phospholipids  
(C) Steroids (D) Carbohydrates
15. Which statement is true \_\_\_\_\_  
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22. Venus flytrap closes its trap in \_\_\_\_\_ B \_\_\_\_\_ to the stimulus of a house fly  
(A) Evolution (B) Response  
(C) Reproduction (D) All of the above
23. The genetic material of \_\_\_\_\_ C \_\_\_\_\_ is not surrounded by a nuclear membrane  
(A) Fungi (B) Plants  
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24. All of the following are inorganic compounds EXCEPT B  
(A) Sulphuric acid (B) Protein  
(C) Magnesium chloride (D) Sodium hydroxide
25. A jackrabbit can adjust its body temperature by regulating the amount of blood flowing through its \_\_\_\_\_ C \_\_\_\_\_  
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1/7/2017

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