1. .\_\_\_\_\_\_\_\_\_\_\_ Not enough calories in our food refer to

|  |  |  |
| --- | --- | --- |
|  | A. | absorption |
|  | B. | increased eating |
|  | C. | digestion |
|  | D. | undernourishment |

**10 درجات**

**السؤال 2**

1. . \_\_\_\_\_\_\_\_\_ Increasing concentrations of greenhouse gases lead to

|  |  |  |
| --- | --- | --- |
|  | A. | increasing of O2 |
|  | B. | reducing deforestation |
|  | C. | global warming problem |
|  | D. | reducing the pollution |

**10 درجات**

**السؤال 3**

1. .\_\_\_\_\_\_\_\_\_ Respiratory surfaces should be

|  |  |  |
| --- | --- | --- |
|  | A. | moist and thin |
|  | B. | dry and thick |
|  | C. | rich with enzymes |
|  | D. | none of the above |

**10 درجات**

**السؤال 4**

1. .\_\_\_\_\_\_\_\_\_\_\_\_\_ Coenzymes are organic molecules such as

|  |  |  |
| --- | --- | --- |
|  | A. | iron |
|  | B. | zinc |
|  | C. | vitamins |
|  | D. | copper |

**10 درجات**

**السؤال 5**

1. :Cellular respiration is a series of biochemical reactions that

|  |  |  |
| --- | --- | --- |
|  | A. | uses glucoseto make oxygen |
|  | B. | uses ATPto makeoxygen |
|  | C. | makes glucosefrom carbon dioxideand water |
|  | D. | uses glucoseto make ATP |

**10 درجات**

**السؤال 6**

1. Living things that use the energy of light to produce organic molecules are called

|  |  |  |
| --- | --- | --- |
|  | A. | parasites |
|  | B. | decomposers |
|  | C. | photoautotrophs |
|  | D. | saprophytes |

**10 درجات**

**السؤال 7**

1. The oxygen released into the air as a product of photosynthesis comes from

|  |  |  |
| --- | --- | --- |
|  | A. | ammonia |
|  | B. | water |
|  | C. | protein . |
|  | D. | glucose |

**10 درجات**

**السؤال 8**

1. ?Which of the following is a result of glycolysis

|  |  |  |
| --- | --- | --- |
|  | A. | produce water molecules |
|  | B. | production of two molecules of pyruvate |
|  | C. | production of CO2 |
|  | D. | conversion of polysaccharide to monosaccharide |

**10 درجات**

**السؤال 9**

1. .is an endergonic process \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |
| --- | --- | --- |
|  | A. | Cellular respiration |
|  | B. | Exogenic |
|  | C. | Exergonic |
|  | D. | Photosynthes |

**10 درجات**

**السؤال 10**

1. \_\_\_\_\_\_\_\_\_\_Chemical digestion is

|  |  |  |
| --- | --- | --- |
|  | A. | breaks food down into smaller pieces |
|  | B. | breaks down complex molecules to simple molecules |
|  | C. | breaks down large organic molecules into their components |
|  | D. | a and c are correct choices |

**10 درجات**

**السؤال 11**

1. .Pancreatic amylase digests \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to disaccharides which are further digested into monosaccharides

|  |  |  |
| --- | --- | --- |
|  | A. | cellulose |
|  | B. | glycogen |
|  | C. | starch |
|  | D. | chitin |

**10 درجات**

**السؤال 12**

1. .\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Animals that eat both plants and animals are

|  |  |  |
| --- | --- | --- |
|  | A. | carnivores |
|  | B. | decomposers |
|  | C. | omnivores |
|  | D. | herbivores |

**10 درجات**

**السؤال 13**

1. .\_\_\_\_\_\_\_\_\_\_\_\_\_\_ In insect, gas exchange takes place through

|  |  |  |
| --- | --- | --- |
|  | A. | lung |
|  | B. | tracheal system |
|  | C. | gills |
|  | D. | airs acs |

**10 درجات**

**السؤال 14**

1. \_\_\_\_\_\_\_\_\_Large molecules go out of the cells by

|  |  |  |
| --- | --- | --- |
|  | A. | exocytosis |
|  | B. | pinocytosis |
|  | C. | phagocytosis |
|  | D. | endocytosis |

**10 درجات**

**السؤال 15**

1. .\_\_\_\_\_\_\_\_\_\_\_ The potential energy of the concentration gradient drives

|  |  |  |
| --- | --- | --- |
|  | A. | exocytosis |
|  | B. | pinocytosis |
|  | C. | passive transport |
|  | D. | active transport |

**10 درجات**

**السؤال 16**

1. .is the ability to maintain water balance within the cells \_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |
| --- | --- | --- |
|  | A. | osmoregulation |
|  | B. | thermoregulation |
|  | C. | diffusion |
|  | D. | neutralization |

**10 درجات**

**السؤال 17**

1. .\_\_\_\_\_\_\_\_ Digestion of starch begins in the

|  |  |  |
| --- | --- | --- |
|  | A. | esophagus |
|  | B. | intestine |
|  | C. | oral cavity |
|  | D. | pharynx |

**10 درجات**

**السؤال 18**

1. \_\_\_\_\_\_\_\_\_ATP is composed of

|  |  |  |
| --- | --- | --- |
|  | A. | ribose |
|  | B. | three phosphate groups |
|  | C. | adenine |
|  | D. | all of the above |

**10 درجات**

**السؤال 19**

1. .\_\_\_\_\_\_\_\_\_\_\_\_Oxygen carrier in human blood is

|  |  |  |
| --- | --- | --- |
|  | A. | copper |
|  | B. | fibrin |
|  | C. | haemoglobin |
|  | D. | plasma |

**10 درجات**

**السؤال 20**

1. .is the ability to maintain water balance within the cells \_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |
| --- | --- | --- |
|  | A. | neutralization |
|  | B. | diffusion |
|  | C. | osmoregulation |
|  | D. | thermoregulation |

**10 درجات**

**السؤال 21**

1. .\_\_\_\_\_\_\_\_ Non competitive inhibitors

|  |  |  |
| --- | --- | --- |
|  | A. | denature the enzyme proposed substrate |
|  | B. | bind to the enzyme proposed substrate |
|  | C. | change the enzyme’s shape, thus the substrate will no longer fit the active site |
|  | D. | lower enzyme activation energy |

**10 درجات**

**السؤال 22**

1. \_\_\_\_\_\_\_Membranes are commonly described as a fluid mosaic because

|  |  |  |
| --- | --- | --- |
|  | A. | the proteins embedded in the phospholipids |
|  | B. | the proteins can drift in the phospholipids |
|  | C. | the substances cannot transport across the membrane |
|  | D. | a and b are correct choices |

**10 درجات**

**السؤال 23**

1. .Earthworms and other animals use their \_\_\_\_\_\_\_\_\_\_\_ for gas exchange

|  |  |  |
| --- | --- | --- |
|  | A. | lung |
|  | B. | tracheal system |
|  | C. | gills |
|  | D. | skin |

**10 درجات**

**السؤال 24**

1. . \_\_\_\_\_\_\_\_\_ The dark reactions are often called

|  |  |  |
| --- | --- | --- |
|  | A. | Krebʼs cycle |
|  | B. | Calvin cycle |
|  | C. | light-independent reactions |
|  | D. | b & c are most correct choices |

**10 درجات**

**السؤال 25**

1. .\_\_\_\_\_\_\_\_ Bile is made in the \_\_\_\_\_\_ and stored in the

|  |  |  |
| --- | --- | --- |
|  | A. | liver - small intestine |
|  | B. | gall bladder -liver |
|  | C. | pancreas - gall bladder |
|  | D. | liver - gall bladder |

**10 درجات**

**السؤال 26**

1. .\_\_\_\_\_\_\_\_\_\_\_\_ In hypotonic solution, an animal cell will be

|  |  |  |
| --- | --- | --- |
|  | A. | shriveled |
|  | B. | lysed |
|  | C. | turgid |
|  | D. | flaccid |

**10 درجات**

**السؤال 27**

1. . \_\_\_\_\_\_\_\_ :In muscles's fermentation

|  |  |  |
| --- | --- | --- |
|  | A. | NADH is oxidized and pyruvate is reduced to lactate |
|  | B. | No ATP produced |
|  | C. | Oxygen must be produced |
|  | D. | NAD+ is reduced and lactate is oxidized to pyruvate |

**10 درجات**

**السؤال 28**

1. .Chloroplasts are concentrated in the cells of the ----------------, the green tissue in the interior of the leaf

|  |  |  |
| --- | --- | --- |
|  | A. | mesophyll |
|  | B. | xylem |
|  | C. | vein |
|  | D. | root |

**10 درجات**

**السؤال 29**

1. .\_\_\_\_\_\_\_\_\_\_\_\_ Most of the food digestion takes place in

|  |  |  |
| --- | --- | --- |
|  | A. | esophagus |
|  | B. | large intestine |
|  | C. | colon |
|  | D. | small intestine |

**10 درجات**

**السؤال 30**

1. \_\_\_\_\_\_\_\_\_Almost all vertebrates transport O2 bound to proteins called

|  |  |  |
| --- | --- | --- |
|  | A. | insulin |
|  | B. | fibrin |
|  | C. | pepsin |
|  | D. | hemoglobin |

**10 درجات**

**السؤال 31**

1. \_\_\_\_\_\_\_\_\_Each enzyme has a particular target molecule called the

|  |  |  |
| --- | --- | --- |
|  | A. | product |
|  | B. | coenzyme |
|  | C. | initiator |
|  | D. | substrate |

**10 درجات**

*انقر فوق "حفظ وإرسال" للحفظ والإرسال. وانقر فوق "حفظ كل الإجابات" لحفظ كل الإجابات.*