Assignment 12

Due on 2020-06-14, 23:59 IST.

1. Pick the correct statement:
   Statement 1: Chloroplasts contain both the dictyosome and Golgi apparatus.
   Statement 2: Chloroplasts contain both the dictyosome and Golgi apparatus. Is this correct? Correct/Incorrect.
   Statement 3: Chloroplasts contain both the dictyosome and Golgi apparatus. Is this correct? Correct/Incorrect.
   Statement 4: Chloroplasts contain both the dictyosome and Golgi apparatus. Is this correct? Correct/Incorrect.

2. Pick the correct statement:
   Statement 1: The cell wall can prevent flexibility in differentiating between different cell types in the plant.
   Statement 2: Plant cell wall is flexible because it provides properties to control cell types of cells in the plant.
   Statement 3: Plant cell wall is flexible because it provides properties to control cell types of cells in the plant.
   Statement 4: Plant cell wall is flexible because it provides properties to control cell types of cells in the plant.

3. Pick the correct statement:
   Statement 1: Low levels of light inhibit photosynthesis in chloroplasts.
   Statement 2: Photosynthesis is not affected by light intensity.
   Statement 3: Photosynthesis is not affected by light intensity.
   Statement 4: Photosynthesis is not affected by light intensity.

4. Pick the correct statement:
   Statement 1: The Golgi apparatus is involved in regulating the flow of charged ions in the cell.
   Statement 2: The Golgi apparatus is involved in regulating the flow of charged ions in the cell.
   Statement 3: The Golgi apparatus is involved in regulating the flow of charged ions in the cell.
   Statement 4: The Golgi apparatus is involved in regulating the flow of charged ions in the cell.

5. Pick the correct statement:
   Statement 1: The nucleus is divided into euchromatin and heterochromatin.
   Statement 2: The nucleus is divided into euchromatin and heterochromatin.
   Statement 3: The nucleus is divided into euchromatin and heterochromatin.
   Statement 4: The nucleus is divided into euchromatin and heterochromatin.

6. Pick the correct statement:
   Statement 1: Chlorophyll is a pigment used in photosynthesis and is characterized by light absorption.
   Statement 2: Chlorophyll is a pigment used in photosynthesis and is characterized by light absorption.
   Statement 3: Chlorophyll is a pigment used in photosynthesis and is characterized by light absorption.
   Statement 4: Chlorophyll is a pigment used in photosynthesis and is characterized by light absorption.

7. Pick the correct statement:
   Statement 1: Light passes through the lens of the eye.
   Statement 2: Light passes through the lens of the eye.
   Statement 3: Light passes through the lens of the eye.
   Statement 4: Light passes through the lens of the eye.

8. Pick the correct statement:
   Statement 1: The synapses are involved in releasing neurotransmitters.
   Statement 2: The synapses are involved in releasing neurotransmitters.
   Statement 3: The synapses are involved in releasing neurotransmitters.
   Statement 4: The synapses are involved in releasing neurotransmitters.

9. Pick the correct statement:
   Statement 1: The nervous system is responsible for the synthesis of specific enzymes.
   Statement 2: The nervous system is responsible for the synthesis of specific enzymes.
   Statement 3: The nervous system is responsible for the synthesis of specific enzymes.
   Statement 4: The nervous system is responsible for the synthesis of specific enzymes.

10. Pick the correct statement:
    Statement 1: The hypothalamus is responsible for the regulation of body temperature.
    Statement 2: The hypothalamus is responsible for the regulation of body temperature.
    Statement 3: The hypothalamus is responsible for the regulation of body temperature.
    Statement 4: The hypothalamus is responsible for the regulation of body temperature.

11. Pick the correct statement:
    Statement 1: The heart is composed of 4 chambers and is responsible for the circulation of blood.
    Statement 2: The heart is composed of 4 chambers and is responsible for the circulation of blood.
    Statement 3: The heart is composed of 4 chambers and is responsible for the circulation of blood.
    Statement 4: The heart is composed of 4 chambers and is responsible for the circulation of blood.

12. Pick the correct statement:
    Statement 1: The respiratory system is responsible for the exchange of gases.
    Statement 2: The respiratory system is responsible for the exchange of gases.
    Statement 3: The respiratory system is responsible for the exchange of gases.
    Statement 4: The respiratory system is responsible for the exchange of gases.