

## **PRACTICE QUESTION**

**Q1. Name the green dot like structures in some cells observed by a student when a leaf peel was viewed under a microscope. What is this green colour due to? [CBSE 2010]**

**Q2. State any one difference between autotrophic and heterotrophic modes of nutrition? [CBSE 2010]**

**Q3. Give one reason why multicellular organism require special organ for exchange of gases between their body and their environment? [CBSE 2010]**

**Q4. Name the process in plants where water is lost as water vapour? [CBSE 2010]**

**Q5. State the basic difference in the process of respiration and photosynthesis? [CBSE 2010]**

**Q6. State the basic difference in the process of respiration and photosynthesis? [CBSE 2010]**

**Q7. In the experiment “Light is essential for photosynthesis” Why does the uncovered part of the leaf turn blue black after putting iodine solution? [CBSE 2010]**

### **Board Questions Set (1 Mark)**

**Q1. Name the component of blood that helps in the formation of blood clot in the event of a cut? [CBSE 2010]**

**Q2. Why do aquatic animal's breath faster than the terrestrial animals? [CBSE 2009]**

**Q3. Name the tissue which transports soluble product of photosynthesis in a plant? [CBSE 2008]**

**Q5. What is the mode of nutrition in human being? [CBSE 2009]**

**Q6. What advantages over an aquatic animal does a terrestrial organism have with regard to obtaining oxygen for respiration? [CBSE 2008]**

**Q8. Where do plant get each of the raw material required for photosynthesis? [CBSE 2008]**

**Q9. What process in plant is known as transpiration? [CBSE 2008]**

### **Questions Set (2 Marks)**

**Q1. What is saliva? States its role in the digestion of food. [CBSE 2011]**

**Q2. What are the final product after digestion of carbohydrates and proteins? [CBSE 2011]**

**Q3. State two differences between arteries and veins? [CBSE 2011]**

**Q4. How are the alveoli design to maximize the exchange of gases? [CBSE 2011]**

**Q5. How is transportation of water in xylem tissue different from translocation of food in Phloem tissue? [CBSE 2009]**

**Q6. Write one function each of the following components of the transport system in human being: (i) Blood vessels (ii) Blood platelets (iii) Lymph (iv) Heart [CBSE 2008]**

**Board Questions Set (3 Marks)**

**Q1. In human alimentary canal, name the site of complete digestion of various component of food. Explain the process of digestion? [CBSE 2012]**

**Q2. List three difference between arteries and veins in tabular form? [CBSE 2012]**

**Q3. List the three kind of blood vessels of human circulatory system and write their function in tabular form? [CBSE 2012]**

**Board Questions Set (3 Marks)**

**Q1. Describe in brief the function of kidney, Ureters, Urinary bladder, Urethra? [CBSE 2010]**

**Q2. What is double circulation in human being? Why it is necessary. [CBSE 2008]**

**Q4. (a) Name the process by which autotrophs prepare their own food. (b) List the three events which occur during the process. [CBSE 2008]**

**Q5. Define the term parasite. Name one plant parasite and one animal parasite. Some organism breakdown the food**

material outside the body and then absorb it. Give two example [CBSE 2015]

Q6. Give reason: (i) Fine hair and mucus present in the nasal passage? (ii) Rings of cartilage are present in the throat? [CBSE 2015]

Q7. (a) Name the following: (i) The three carbon molecules that is formed due to break down of glucose during respiration. (ii) During the nitrogenous waste that is remove from the blood in our kidney. (b) How do unicellular organism generally remove waste. [CBSE 2016]

Q8. Write any three difference between aerobic and anaerobic respiration? [CBSE 2008]

### **Board Questions Set (5 Marks)**

Q1. State the function of the following component of transport system: (i) Blood (ii) Lymph [CBSE 2011]

Q2. (a) List two function of stomata. (b) What are the raw material used during photosynthesis? [CBSE 2011]

Q3. Explain the process of digestion of food in mouth, stomach, and small intestine in the body? [CBSE 2010]

Q4. (a) What is meant by the breathing? What happen when to the rate of breathing during vigorous exercise and why? (b) Define translocation with respect to transport in plants. Why is it essential for plants? Where in plants are the following synthesized? [CBSE 2009]

**Q5. (a) Write the mechanism by which fishes breath in water. (b) Name the balloon like structures present in lungs list its two function. (c) Name the respiratory pigment and write its role in human being. [CBSE 2017, 2018]**

**Q6. (a) Name the process and explain the type of nutrition found in green plants. List the raw material required for this process. (b) Write three events that occur during this process. [CBSE 2017, 2018]**

**Q7. (a) Write the name of different components of transports system in human beings and state their function in brief. (b) How is blood clot from, if a leak develops in the system of blood vessels? [CBSE 2017, 2018]**