

BCM school Basant Avenue Dugri Ludhiana

Class 7. Subject -Science

Assignment

Subjective

Q1. Difference between breathing and respiration.

Q2. How can we prepare the crystals of sugar?

Q3. What happen when iron nail dipped in copper sulphate solution.

- a) What is the colour change in solution?
- b) Why the colour change occurs in solution?
- c) What is name of the reaction?

Q4. How these organisms respire

- a) frog
- b) earthworm
- c) cockroach

Q5. Case study

Our muscle cells can also respire anaerobically, but only for a short time, when there is a temporary deficiency of oxygen. During heavy exercise, fast running, cycling, walking for many hours or heavy weight lifting. Demand for energy is high. But the supply of oxygen to produce the energy is limited. Then anaerobic respiration takes place in the muscle cells to fulfil the demand of energy.

- a) Write the reaction when our muscles respire anaerobically .
- b) Why do we feel hungry after heavy exercise?
- c) Why do we yawn?

Assertion reason

- (a) Both A and R are true and R is the correct explanation of A.
- (b) Both A and R are true but R is not the correct explanation of A.
- (c) A is true but R is false.
- (d) A is false but R is true.

Q6. Assertion (A) : Burning of paper is a physical change.

Reason (R) : The products formed on burning of paper can not be converted back to paper.

Q7. Assertion (A) : Breathing in and out is a simple physical process.

Reason (R) : Breathing occurs only in animals and not in plants.

MCQ

Q8. When breakdown of glucose occurs with the use of oxygen, it is called

- (a) anaerobic respiration**
- (b) aerobic respiration**
- (c) regular respiration**
- (d) all of these**

Q9. Which of the following describes the process of depositing a zinc layer on iron?

- a) Galvanisation**
- b) Crystallisation**
- c) Rusting**
- d) None of the above**