



Test / Exam Name: Science - Respiration In Organisms

Standard: 7th

Subject: Science

Student Name: _____

Section: _____

Roll No.: _____

Questions: 20 Time: 01:00 hh:mm Marks: 30

Instructions

1. Honesty is the best policy.
2. New section on new page
3. Rough work at the last page should be in proper manner too

SECTION-A

- Q1.** In cockroaches, air enters the body through _____. **1 Mark**
A Lungs. B Gills. C Spiracles. D Skin.
- Q2.** The reason of cramps in legs is: **1 Mark**
A Acetic acid B Hydrochloric acid C Lactic acid D Trachea
- Q3.** Puja is writing some statements but she confused to know whether the statements are correct or not? If you know the answer to this question, then tell her: **1 Mark**
A Most of the living organisms carry out aerobic respiration by using oxygen of air. B Those organisms which obtain energy by the process of anaerobic respiration without using oxygen are called anaerobes.
C The breakdown of food like glucose to release energy can occur in the presence of oxygen. D None of the above.
- Q4.** The chemical used to test the carbon dioxide gas in exhaled air is: **1 Mark**
A Lime water B Limestone C Lime juice D Quick lime
- Q5.** The mountaineers carry oxygen with them because: **1 Mark**
A At an altitude of more than 5 km there is no air. B The amount of air available to a person is less than that available on the ground.
C The temperature of air is higher than that on the ground. D The pressure of air is higher than that on the ground.
- Q6.** In cockroach air enters the body through _____. **1 Mark**
- Q7.** Fill in the Blank. **1 Mark**
Taking in of air rich in O₂ inside the body is called _____.
- Q8.** Fill in the Blank. **1 Mark**
Cockroaches breathe with the help of air tubes called _____.
- Q9.** Fill in the Blank. **1 Mark**
Lungs are very _____ organ.
- Q10.** Fill in the Blank. **1 Mark**
_____ is an essential phenomenon for the survival of living organisms.
- Q11.** Plants respire through leaves and roots. True/ False **1 Mark**
- Q12.** The size of the chest cavity increases during inhalation. True/ False. **1 Mark**
- Q13.** What are the end products of aerobic respiration. **1 Mark**
- Q14.** Why yeast is used in wine making industry? **1 Mark**
- Q15.** How do insects breathe? **1 Mark**

SECTION-B

- Q16.** Explain the role of the diaphragm in the process of breathing. **2 Marks**
- Q17.** Explain all body parts involved in respiration. **2 Marks**
- Q18.** Why do we often sneeze when we inhale a lot of dust-laden air? **3 Marks**
- Q19.** Name one organism who respire anaerobically. How does this organism help in beverage and baking industry? **3 Marks**
- Q20.** List the similarities and differences between aerobic and anaerobic respiration. **5 Marks**