



ARMY PUBLIC SCHOOL - BHUJ
PRACTICE PAPER 2020-21
Class: X SCIENCE

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- Q1 Identify the category in which the organisms using carbon dioxide and water as food are placed. 1
- Q2 Write any two methods to prevent rancidity. 1
- Q3 Name the enzyme found in saliva. 1
- Q4 What is a precipitate? 1
- Q5 Differentiate between (two points) 6
- a) Aerobic and anaerobic respiration
 - b) Arteries and veins
 - c) Pepsin and trypsin
- Q6 State three types of decomposition reaction with a suitable chemical equation. 3
- Q10 Bile juice does not contain any enzyme but bile salts are important for digestion and absorption of fats. Why? 3
- Q11 Write the balanced chemical equations involved in the following chemical reactions : 3
- a) White washing.
 - b) Burning of magnesium ribbon.
 - c) Combustion of fuel in CNG buses.
- Q12 Account for the following: 3
- a) Herbivores have longer intestine than carnivores
 - b) Ventricles have thicker walls than auricles
 - c) Aquatic organisms have faster rate of breathing than terrestrial organisms
- Q13 State three functions of blood 3
- Q14 a) Name the by-product of photosynthesis. What happens to the glucose produced during photosynthesis? 5
- b) State two basic differences in transport of substances through xylem and phloem
 - c) Write two vital functions of kidney.
- Q15 a) Why are iron articles painted? 5
- b) Write two observations when iron nail is dipped in CuSO_4 solution. Give suitable reason and equation
 - c) Why is respiration called an exothermic reaction?
- Q16 a) How is combination reaction different from decomposition reaction? Explain with an example. 5
- b) What is a redox reaction? Give an example.