

ANSWERS for Test#

Question 1	<p>1. The chemical formula of lead sulphate is</p> <ul style="list-style-type: none">(a) Pb_2SO_4(b) $\text{Pb}(\text{SO}_4)_2$(c) PbSO_4(d) $\text{Pb}_2(\text{SO}_4)_3$
Answer 1	1. (c)
Question 2	<p>2. Which information is not conveyed by a balanced chemical equation?</p> <ul style="list-style-type: none">(a) Physical states of reactants and products(b) Symbols and formulae of all the substances involved in a particular reaction(c) Number of atoms/molecules of the reactants and products formed(d) Whether a particular reaction is actually feasible or not
Answer 2	2. (d)
Question 3	<p>3. Chemically rust is</p> <ul style="list-style-type: none">(a) hydrated ferrous oxide(b) only ferric oxide(c) hydrated ferric oxide(d) none of these

Answer 3	3. (c)
Question 4	4. Both CO_2 and H_2 gases are (a) heavier than air (b) colourless (c) acidic in nature (d) soluble in water
Answer 4	4. (b)
Question 5	5. Which of the following gases can be used for storage of fresh sampel of an oil for a long time? (a) Carbon dioxide or oxygen (b) Nitrogen or helium (c) Helium or oxygen (d) Nitrogen or oxygen
Answer 5	5. (b)
Question 6	6. The electrolytic decomposition of water gives H_2 and O_2 in the ratio of (a) 1 : 2 by volume (b) 2 : 1 by volume (c) 8 : 1 by mass (d) 1 : 2 by mass

Answer 6	6. (b)
Question 7	<p>7. In the decomposition of lead (II) nitrate to give lead (II) oxide, nitrogen dioxide and oxygen gas, the coefficient of nitrogen dioxide (in the balanced equation) is</p> <p>(a) 1 (b) 2 (c) 3 (d) 4</p>
Answer 7	7. (d)
Question 8	<p>8. Fatty foods become rancid due to the process of</p> <p>(a) oxidation (b) corrosion (c) reduction (d) hydrogenation</p>
Answer 8	8. (a)
Question 9	<p>9. We store silver chloride in a dark coloured bottle because it is</p> <p>(a) a white solid (b) undergoes redox reaction (c) to avoid action by sunlight (d) none of the above</p>

Answer 9	9. (c)
Question 10	<p>10. Silver article turns black when kept in the open for a few days due to formation of</p> <ul style="list-style-type: none"> (a) H_2S (b) AgS (c) AgSO_4 (d) Ag_2S
Answer 10	10. (d)