

Important MCQs from Chapter 2: Acids, Bases and Salts

1. The acid is found in curd -

- (a) Oxalic acid (b) tartaric acid
(c) lactic acid. (d) citric acid

Answer : (C)

2. The taste of soap solution is bitter test because soap solution is a

- (a) alkaline (b) acidic
(c) both (a) and (b) (d) None of the above

Answer : (a)

3. When zinc is combined with aqueous solution of sodium hydroxide production of—

- CO₂ gas
- N₂ gas
- H₂ gas
- O₂ gas

Answer : H₂ gas

4. When alkali reacts with acid, then production of—

- (a) salt and water
(b) salt and hydrogen gas
(c) water and hydrogen gas.
(d) None of the above

Answer : (a)

5. In aqueous solution acid releases—

- (a) H⁺ ion (b) OH⁻ ion
(c) both (a) and (b). (d) All of the above

Answer : (a)

6. Hydrochloric acid is a -
(a) oxyacid (b) hydracid
(c) both (a) and (b) (d) Antacid

Answer : (b)

7. When blue litmus is added to liquid HCl solution, what will be the colour -
(a) colour less
(b) no change, blue colour.
(c) red colour
(d) green colour.

Answer : (c)

8. The taste of liquid NaOH is—
(a) soar (b) bitter
(c) sweet (d) salted.

Answer : (b)

9. Which of the following gas will be produced when liquid sulphuric acid is added to a piece of sodium hydroxide -
(a) H₂ (b) SO₂ (c) H₂S (d) O₂

Answer : (a)

10. Methyl orange is-
(a) Red in acidic medium, colourless in basic medium.
(b) Yellow in acidic medium, red in basic medium.
(c) Red in acidic medium, yellow in basic medium.
(d) Colourless in acidic medium, red in basic medium.

Answer : (c)