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1 Mark Each

1. An aqueous solution with pH = zero:
(a) Alkaline
(b) Acidic
(c) neutral
(d) amphoteric
2. The pH of a solution of hydrochloric acid is
(a) 4.0
(b) 0.4
(c) 0.0001
(d) 0.05
3. Which is a base and not an alkali?
(a) NaOH
(b) KOH
(c) $\text{Fe}(\text{OH})_3$
(d) TRUE
4. Baking powder contains baking soda and:
(a) tartaric acid
(b) calcium bicarbonate
(c) sodium carbonate
(d) acetic acid
5. Plaster of Paris is made from:
(a) lime stone
(b) slaked lime
(c) quick lime
(d) gypsum

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6. Chemical formula for baking soda is
 - (a) MgSO_4
 - (b) NaHCO_3
 - (c) MgCO_3
 - (d) $\text{Na}_2\text{CO}_3 \cdot 10\text{H}_2\text{O}$
7. The chemical name of Marble is
 - (a) calcium sulphate
 - (b) calcium chloride
 - (c) magnesium carbonate
 - (d) calcium carbonate
8. The difference of water molecules in gypsum and Plaster of Paris is:
 - (a) $5/2$
 - (b) $7/2$
 - (c) $1/2$
 - (d) $3/2$
9. The odour of acetic acid resembles that of:
 - (a) jasmine
 - (b) burning plastic
 - (c) vinegar
 - (d) kerosene
10. Which of the following is evolved when Na_2CO_3 is heated?
 - (a) CO_2 gas
 - (b) CO gas
 - (c) O_2 gas
 - (d) No gas

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Answers : 1.(b) 2. (c) 3. (c) 4. (a) 5. (d) 6. (b) 7. (d) 8. (d) 9. (c) 10. (d)