



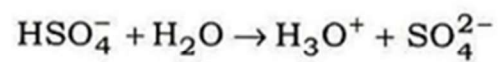
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ACADEMY**

ACIDS, BASES AND SALTS PYQs (2014-2024)



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In the reaction between hydrogen sulphate ion and water



the water acts as

- (a) an acid
- (b) a base
- (c) a salt
- (d) an inert medium



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11. Stinging hair of nettle leaves inject fluid in the human body causing burning pain. The fluid is

- ☒ (a) Methanoic acid
- (b) Tartaric acid
- (c) Hydrochloric acid
- (d) Sulphuric acid

12. Milk of Magnesia is used when people suffer from indigestion of food. It is a

- ☐ (a) Strong base
- ☒ (b) Mild base
- (c) Strong acid
- (d) Mild acid



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109. What is the chemical composition of a soda-acid type fire extinguisher?

- (a) Solution of sodium hydrogen carbonate and sulfuric acid
- (b) Solution of sodium carbonate and sulfuric acid
- (c) Solution of carbon dioxide and sulfuric acid
- (d) Solution of sodium chloride and sulfuric acid



111. Which one of the following is the correct order of pH for the given substances?

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- (a) Coffee < Lemon juice < Milk of magnesia < Blood
- (b) Milk of magnesia < Blood < Coffee < Lemon juice
- (c) Lemon juice < Blood < Coffee < Milk of magnesia
- (d) Lemon juice < Coffee < Blood < Milk of magnesia



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118. Which one of the following acids is also known as Vitamin C ?

- (a) Methanoic acid
- (b) Ascorbic acid
- (c) Lactic acid
- (d) Tartaric acid



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6. Match List-I with List-II and select the correct answer using the code given below the Lists :

List-I
(Compound)

List-II
(Use)

- | | |
|------------------------|----------------------|
| A. Boric acid | 1. Antiseptic |
| B. Citric acid | 2. Food preservative |
| C. Magnesium hydroxide | 3. Antacid |
| D. Acetic acid | 4. Pickle |

Code :

(a) A B C D
 1 2 3 4

(b) A B C D
 1 3 2 4

(c) A B C D
 4 3 2 1

(d) A B C D
 4 2 3 1



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37. Vinegar is

- (a) 5–8% solution of acetic acid in water
- (b) 5–8% solution of carbonic acid in water
- (c) 5–8% solution of ethanol in water
- (d) 10–15% solution of propionic acid in water