

Chemistry MCQ (UNIT 4)

Q1 Select the incorrect statement from the following option.

- a) Permanent hardness is due to dissolved chlorides and sulphates of calcium and magnesium
- b) It can be removed by mere boiling of water
- c) It is also known as non-alkaline hardness
- d) The difference between the total hardness and the alkaline hardness gives the non-alkaline hardness

Ans: (b)

Q2 Select the incorrect statement from the following option.

- a) The taste of hard water is better than soft water
- b) The dissolved calcium in hard water can help to produce strong teeth
- c) Hard water coats the lead piping with a layer of insoluble calcium carbonate which prevents poisonous lead dissolving in water
- d) Boiler feed water should also be hard in nature

Ans: (d)

Q3. Hardness of water is conventionally expressed in terms of equivalent amount of

-
- a) H_2CO_3
 - b) MgCO_3
 - c) CaCO_3
 - d) Na_2CO_3

Ans: (c)

Q 4 . Which of the following is not a unit of hardness?

- a) Parts per million
- b) Degree centigrade
- c) Degree clarke
- d) Degree French

Ans: (b)

Q 5. How many grams of MgCO_3 dissolved per litre gives 84 ppm hardness?

- a) 70.56 mg/L
- b) 48.23 mg/L
- c) 81.49mg/L
- d) 66.12 mg/L

Ans: (a)

Chemistry Unit 4 Describing Substance Objectives

Answers

Marcel A. Müller



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