

Name: _____					
Subject: Chemistry		Class: 10 th		Time: 60 minutes	
Total Marks: 30		Chapter No.15		MJDexpert.com	
Obtained marks					

Note: Please attempt any 7 short questions from Question 2. Also, attempt both parts (a and b) of Question 3. "a" Part is 5 marks and "b" is 4 marks. Cutting and removal of any content is strictly prohibited.

Objective-Section

Q. 1 Encircle the correct Answer . (7x1=7)

1. What is the percentage of inland water?

- A) 2.1% B) 0.6% C) 0.2% D) 0.001%

2. Alcohol and organic acid are dissolves in water due to:

- A) ionic nature of water B) polar nature of water
C) Hydrogen bonding D) London forces

3. Temporary hardness in water is due to:

- A) sulphate of calcium and magnesium B) chloride of calcium and magnesium
C) bicarbonate of calcium and magnesium D) both A and B

4. Insoluble calcium and magnesium salt deposit inside the steam engine and boiler is called:

- A) decomposition B) scales C) resin D) All are correct

5. Neurological damage is due to excess of which metal in human body;

- A) lead B) aluminium C) cadmium D) mercury

6. Which of the following gas is used to destroy the harmful bacteria in water:

- A) fluorine B) chlorine C) bromine D) iodine

7. The specific heat capacity of water is

- a) 4.2KJ g⁻¹ K⁻¹ b) 4.2 j g⁻¹ K⁻¹ c) 4.2J⁻¹ g⁻¹ K⁻¹ d) 2.4 JgK

Subjective-Section

Q.2 Write short answers of any seven of the following questions: (7x2=14)

1. Explain the distribution of water on earth?
2. Write down the properties of water?
3. Write down the difference between MINERAL AND ORE?
4. How we can remove permanent hardness by using washing soda?
5. Write down the disadvantage of water?
6. Define industrial effluent?
7. What is the effects of water pollution ?
8. Write down the prevention of water born diseases ?

Q.No.3 Long Question: (5+4=9)

- a) Define waterborne disease write its cause and explain any 5 disease ?
- b) Explain water as a Solvent due to its two unique properties?