

**DELHI PUBLIC SCHOOL, JAMMU**

(Affiliated to CBSE, Code 730025)

**REVISION SHEET SEP, 2014**

II

Based on the Topic(s): 1. Our Forests 2. Structure of Matter 3. Acids, Bases & Salts

Name: .....

Subject: Science

Class & Section: 7<sup>th</sup> .....

Date: .....

**Multi Choice Questions**

1. The present system of representing elements using letters of the English alphabet was suggested by.  
a) Berzelius      b) John Dalton      c) Aristotle
2. The valency of which of these elements is one  
a) Sodium      b) Calcium      c) Oxygen
3. Which one of these represents the chemical formula of Nitric Acid?  
a) HCl      b) H<sub>2</sub>SO<sub>4</sub>      c) HNO<sub>3</sub>
4. The common name of Sodium Hydroxide is.  
a) Caustic Soda      b) Slaked lime      c) Baking Soda
5. Which Salt is used in developing films in Photography?  
a) Silver Nitrate      b) Potassium Nitrate      c) Copper Sulphate
6. Which acid is used in automobile batteries?  
a) Sulphuric acid      b) Hydrochloric acid      c) Nitric acid
7. Which one of these salts is used in purification of water?  
a) Potash Alum      b) Potassium Nitrate      c) Sodium Chloride
8. Calcium Hydroxide will turn  
a) Blue litmus red      b) Red litmus blue      c) None of these
9. The roof like structure formed by the branches of tall trees over other plants is called  
a) Canopy      b) Crown      c) Understory
10. Among these which one is a natural indicator?  
a) Methyl orange      b) China rose      c) Phenolphthalein

**Very Short answer Type Questions**

Q1: Name the only base which does not have a metal atom in its molecule.

Q2: Name one decomposer that is not a microorganism.

Q3: What is the specific name given to the no of hydrogen atoms that can combine with or be displaced by one atom of an element?

Q4: If a certain compound has formulae H<sub>3</sub>X, what is the valency of X?

Q5: What are scavengers?

Q6: Name an indicator which turns yellow in basic medium?

Q7: What are monatomic elements?

Q8: Which base is used to neutralize the acidity of soil?

Q9: Name one medicinal plant

Q10. Which scale is used to measure the strength of an acid or an alkali?



### Short Answer Questions

1. Helium is the second most abundant element in the universe. However there are no known compounds of helium. Why?

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2. How can we control forest fires?.

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3. All alkalis are bases, but all bases are not alkalis. Why?

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### Short Answer Type Questions.

1. How can planned harvesting help in conserving forests?
2. Is the meaning of 'weak acid' same as that of 'dilute acid'?

### Long Answer Type Question.

1. Define food web. Draw a neat and well labelled diagram of a food web.

Teachers Remarks :