

Test / Exam Name: Science - Acids, Bases And Salts **Standard:** 7th **Subject:** Science

Student Name: **Section:** **Roll No.:** **Questions:** 21 **Time:** 01:00 hr:mm **Marks:** 31

Instructions

- Honesty is the best policy.
- New section on new page
- Rough work at the last page should be in proper manner too

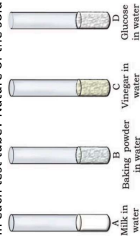
- Q1.** Magnesium hydroxide is found in:
A Soap **B** Lime water **C** Milk of magnesia **D** Vegetable
1 Mark
- Q2.** Which of the following base is used as antacid to neutralize stomach acidity?
A Mg(OH)₂ **B** KOH **C** Ca(OH)₂ **D** NaOH
1 Mark
- Q3.** The acidic behaviour of lakes and oceans can be neutralized by:
A NaOH **B** HCl **C** CaCO₃ **D** Ca(OH)₂
1 Mark
- Q4.** Consider The Following Statements, Choose The Incorrect One:
A Acetic acid is found in vinegar. **B** Formic acid is present in ant's sting.
C Citric acid is present in tamarind. **D** Lactic acid is present in curd and in milk.
1 Mark
- Q5.** Litmus is extracted from:
A Curd **B** Grapes **C** Lichens **D** Cabbage
1 Mark
- Q6.** Paheli is Writing Some Statements. She Wants To Know In Which Of The Following Statements is Or Are Incorrect?
A Lemon juice and vinegar taste sour because they contain acid. **B** Turmeric and litmus are natural acid base indicator.
C Indicator phenolphthalein gives yellow colour with lime water. **D** None of the above.
1 Mark
- Q7.** **Assertion (A):** Onion is an example of olfactory indicator.
Reason (R): Litmus is a natural dye and is extracted from lichens.
A Both A and R are true and R is the correct explanation of A. **B** Both A and R are true but R is not the correct explanation of A.
C A is true but R is false. **D** A is false but R is true.
1 Mark
- Q8.** Match the items in Column I with Column II.

Column I	Column II
(a) Vinegar.	(i) is used as indicator.
(b) Sodium chloride.	(ii) is sour to taste.
(c) Milk of magnesia.	(iii) Major salt of sea.
(d) Turmeric.	(iv) Changes red litmus blue.

1 Mark
- Q9.** Phenolphthalein is a natural indicator. True/ False
1 Mark
- Q10.** Nitric acid turns red litmus blue. True/ False.
1 Mark
- Q11.** The bases that dissolve in water are known as alkalis. True/ False.
1 Mark
- Q12.** Hydrogen ion is common to all acids. True/ False.
1 Mark
- Q13.** What is acid rain?
1 Mark
- Q14.** Define organic acids.
1 Mark
- Q15.** Why are sodium bicarbonate and lemon juice used during indigestion?
1 Mark

SECTION-B

- Q16.** Name three types of salts. Give one example of each type of salt.
2 Marks
- Q17.** Look at the figure Which shows solutions taken in test tubes A, B, C and D. What colour is expected when a piece of red litmus paper is dropped in each test tube? Nature of the solutions is given in the table for your help.
2 Marks



Test Tube **Nature of Solution**

Change in colour of red litmus

A	Neutral
B	Basic
C	Acidic
D	Neutral

- Q18.** Write the effect of China rose petals on acidic and basic solutions.
2 Marks
- Q19.** Name three bases used in the laboratory with their formulae.
3 Marks
- Q20.** Is the distilled water acidic/ basic/ neutral? How would you verify it?
3 Marks
- Q21.** Describe the process of neutralisation with the help of an example.
4 Marks