

Test Jot Series

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Student Name:			Class:	9th
Paper Type:	Test Series		Subject:	Chemistry (SNC)
Paper Time:	45		Maximum Marks:	30

Q1. Choose the correct option. (6X1=6)

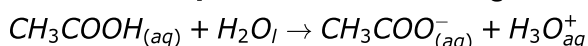
1. Which acid is not used as a food or mixed with food?

(A) Tartaric acid	(B) Ascorbic acid	(C) Citric acid	(D) Formic acid
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2. Which of the following contains oxalic acid?

(A) Tomato	(B) Orange	(C) Tamarind	(D) Sour milk
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3. Which compound in the following reaction is behaving as a conjugate base?



(A) CH_3COOH	(B) HO	(C) CH_3COO	(D) HO^+
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4. When a chemical reaction is carried out with a substance Z; a gas is produced which turns red litmus paper blue, what is the reaction?

(A) Reaction of an acid with a metal carbonate	(B) Reaction of an acid with metal hydrogen carbonate	(C) Reaction of an alkali with an acid	(D) Reaction of an alkali with ammonium salt
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5. Ammonia is a base because it:

(A) Ionizes in water to give OH ions	(B) Contains OH group	(C) Can accept an electron pair	(D) Can accept proton
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6. In a neutralization reaction between KOH and H_3PO_4 how many molecules of KOH will react with one molecule of H_3PO_4 ?

(A) 2	(B) 1	(C) 3	(D) 4
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Q2. Write down short answers of following questions. (7X2=14)

[i] What chemical name will you give to soap as a compound?	[ii] Define neutralization reaction?
	[iii] Choose Arrhenius Acids among the following compounds. $HF, NH_3, H_2SO_3, SO_2, H_2S, H_2O$
[iv] Why does ammonium hydroxide only partially ionize in water?	[v] What is stomach acidity?
	[vi] Which salt is formed when HCl reacts with $BaCO_3$?
[vii] Write a reaction between base and Ammonium chloride?	

Q3. Write detailed answers of the following questions. (Answer any 2) (2X5=10)

1. Give five physical properties of bases?
2. Explain Arrhenius concept of acids and bases. (Descriptive Questions)
3. How will you explain conjugate acid and base with the help of examples?