



Date: 18/07/22
GRADE: VII

CPE 1 (2022-23)
SCIENCE

Max marks: 20
Time: 1 Hour

General instructions:

1. There are 13 questions in the question paper. All questions are compulsory.

Qn. No	SECTION A	Marks allocated
	Choose the correct option	
1	Which among the following is a mineral acid? A) Citric acid B) Lactic acid C) Hydrochloric acid D) Tartaric acid	1
2	Which among the following is not an indicator for acids? A) Turmeric B) Litmus paper C) China rose D) Purple Cabbage juice	1
3	A neutralisation reaction between a strong acid and a weak base forms a _____ A) an acidic salt B) a basic salt C) a neutral salt D) table salt	1
4	Choose the correct statement A) China rose indicator turns blue in basic solution B) China rose indicator turns green in basic solution C) China rose indicator turns red in basic solution D) China rose indicator turns yellow in basic solution	1
	Fill in the blanks	
5	If you dissolve large quantity of hydrogen chloride gas in a small amount of water, you get _____ hydrochloric acid.	1
6	Acids turn litmus paper to _____	1

7	A substance that does not change the colour of an indicator is called _____	1
8	To neutralise the acids in soil, farmers add _____	1
	Check whether the following statements are true or false. If false, correct the statement	
9	Strong acids can burn the skin as they are corrosive.	1
10	Magnesium hydroxide is a weak acid used to make antacids.	1
	SECTION B (Very Short answer type Questions)	
11	Write 4 properties of acids.	2
	SECTION C (Short answer type questions)	
12	a) What is an indicator? b) Name 2 indicators and their colour change in acids and bases.	3 (1+2)
	SECTION D (Long answer type questions)	
13	a) What is neutralisation reaction? b) Write 2 applications for neutralisation in daily life. c) Under what conditions is the product of neutralisation formed acidic?	5 (2+2+1)
	THE END	