

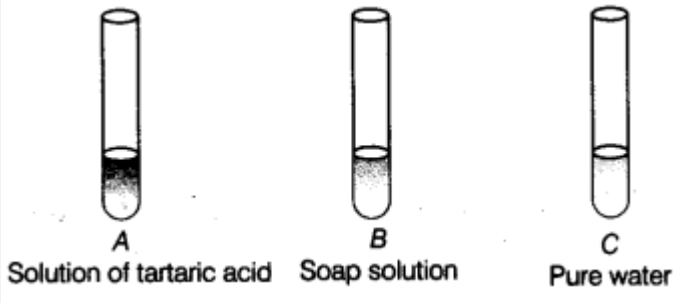
FAAL ACADEMY

CHEMISTRY EXAMINATION

Max mark: 20 mark

Max time: 45 min

I	Fill in the blanks	
1	Litmus is extracted from _____	1
2	Large crystals of pure substances are obtained by _____	1
3	Calcium hydroxide is formed in _____ Or Our stomach contain _____ acid	1
4	Both oxygen and water is essential for _____	1
5	Magnesium on burning produces _____	1
II	Choose the correct option	
1.	What will happen if carbon dioxide is passed through lime water? a) Calcium carbonate is formed b) The lime water turns milky c) Both of these d) None of these	1
2.	Product of neutralization reaction will be a) An acid and base b) An acid and salt c) A salt and water d) A salt and base	1
3	Galvanization is the processes used to prevent the rusting of which of the following? a) Zinc b) Iron c) Aluminum d) copper	1
4	Turmeric is a natural indicator on adding its paste to acid and base separately, which color would be observed a) yellow in both acid and base	1

	b) yellow in acid and red in base c) pink in acid and yellow in base d) red in acid and blue in base	
5	When the soil is too basic plants do not grow well in it, to improve its quality what must be added to the soil a) organic matter b) quick lime c) slaked lime d) calamine solution	1
III Short answer type questions		
1	Give an example of physical change that occurs by the action of heat	1
2	Write any 2 characteristics of acid	1
3	What is the observation we can see when copper sulphate solution obtained when iron nail are dipped in it	1
4	The acid present in ant bite Or Lactic acid is present in _____	1
5	Write the nature of magnesium hydroxide? Or What is the color when a magnesium ribbon is burnt	1
IV Answer the following with long answers		
1	Explain 2 neutralization reaction used in daily life Or You are provided with 2 test tube A and B as shown in fig with different liquids what you will observe when you put a) piece of red litmus paper in each b) a few drops of phenolphthalein solution <div style="text-align: center;">  </div>	2

2	Why do ship suffer a lot of damage from rusting instep of begin painted Or Why rusting iron objects are faster in coastal areas than in desert areas?	1
3	In addition to new products, what else may accompany a chemical change? Or Classify the changes involved in the following as physical or chemical changes a) photosynthesis b) dissolving sugar in water c) spoiling of food d) digesting of food	2