NATIONAL PROGREESIVE EDUCATION TRUST’S ENGLISH MEDIUM SCHOOL BELGAUM

**FA-II examination Revision**

 **Subject:Science**

I.Fill in the blanks

1.\_\_\_\_\_ are the substances that gives out H+ ions in aqueous solution.

2.Those acids which dissocates into ions completely are called \_\_\_\_\_\_.

3. Those acids which donot dissocates into ions completely are called\_\_\_\_.

4. .\_\_\_\_\_ are the substances that gives out OH- ions in aqueous solution.

5.The Bases which ionize completely to give out OH- ions are called\_\_\_\_\_.

6. The Bases which ionize partially to give out OH- ions are called\_\_\_\_\_.

7.\_\_\_\_\_\_ are the substances which change their colour/Smell in different types of substances.

8\_\_\_\_\_\_ is a natural indicator..

9.When a acid reacts with a metal , \_\_\_\_\_\_\_ gas is evolved and a corresponding \_\_\_ is formed.

10.All metal carbnates and hydrocarbonates react with acids to give a corresponding \_\_\_\_, \_\_\_\_\_ and Water.

11.The reaction between an acid and base to give a salt and water is known as a \_\_\_\_\_\_ reaction.

II. Answer the following

1.What are acids? Explain types of acids

2.What are bases?Explain types of Bases.

3.What are indicators?Explain the types of indicators

4.What is neutralization reaction? Write General Reaction and give an example.

5.Explain the reaction of acids and bases with metals. Give an example for each reaction.

6.Explain the reaction of metallic oxides with Acids? Write general Reaction along with examples.

7.Explain the reaction of non-metallic Oxide with base? Write general reaction.

8.What Happens to an Acid in a water solution?

9.Why distilled water not conduct electricity, whereas rain water does?

10.Why do acids no show acidic behavior in the absence of water?

11.What Happens to an base in a water solution?

BIOLOGY

1.What is Stimulus?

2.Define Control and Coordination.

3.What is Nervous System?Explain the classification of Nervous System

4.What are Sensory neuron and motor neuron?

5.What is relax action?Explain the Pathway of Reflex Arc.

6.Explain the parts of Human Brain.

7.Write the types of Plant hormones along with their function

8.What are endocrine glands? Write the types of animal hormones.