

GENIUS HIGH SCHOOL :: BHUVANAGIRI
PERIODIC TEST - II

Subject : General Science

Marks :40

Class : VII

Time : 1 ½ Hrs

I. Fill in the blanks:-

4M

1. Temperature of boiling water can not be measured by a _____ thermometer.
2. No medium is required for transfer of heat by the process of _____
3. Nitric acid turn dash litmus _____ to _____
4. Temperature is measured in degree _____

II. State TRUE OR FALSE

4M

1. The hotness of an object is determined by its touching.
2. Change of colour in an acid and a base depends on the type of the indicator.
3. Tooth decay is caused by the presence of a base
4. Sodium hydroxide and hydrochloric acid neutralize each other and form salt and water.

III. Answer the following questions in 2-3 sentences

15M

1. State similarities and differences between the laboratory thermometer and the clinical thermometer.
2. In places of hot climate it is advised that the outer walls of house be painted white. Explain
3. State differences between acids and bases.
4. Give two examples each of conductors and insulators of heat.
5. Write the sequence of steps in the processing of wool.
6. Describe the process of neutralisation with the help of an example.
7. Blue litmus paper is dipped in a solution it remains blue what is the nature of the solution. Explain.

IV. Answer the following questions in 4-5 sentences.

12M

1. Explain:-
 - a. an antacid tablet is taken when you suffer from acidity
 - b. Factory waste is neutralized before disposing it into the water bodies.
2. Explain why rusting of iron object is faster in coastal areas than in deserts.
3. Explain why burning of wood and cutting into small pieces are considered as two different types of changes.
4. What is meant by the following terms Rearing, shearing and sericulture.

V. Draw a neat labelled diagram of convection of heat in water

5M

Or

Make sketches of the two stages in the life history of the silk moth which are directly related to the production of silk.
