

Atomic Energy Central School, Narora

Periodic Test III

Time : 1:30 hr

Class VIII

Science

M.M : 40

Instructions : Attempt all the question

1. Fill in the blanks

1 x 10 = 10

- i. The dark region on a screen where light does not reach directly from the source is called -----
 - ii. The mineral which has magnetic property is _____
 - iii. The motion of the earth around the sun is _____ motion
 - iv. Distance covered in unit time is called _____
 - v. The motion of arms of soldiers during march past is _____ motion
 - vi. Light travels in _____
 - vii. Like poles of two magnets _____ each other.
 - viii. A bullet fired from a gun shows _____ motion.
 - ix. Material which is attracted by a magnet is known as -----.
 - x. A magnet always has _____ poles
 - xi. A _____ can break the circuit when we desire.
 - xii. Air is _____ for light.
2. Why can a pace or a footstep not be used as a standard unit of length? 2
 3. Write the similarities and differences between the motion of a bicycle and a ceiling fan that has been switched on. 2
 4. Write any two properties of a magnet. 2
 5. Where are poles of a bar magnet located? 2
 6. Give two examples of periodic motion. 2
 7. Give two examples each, of modes of transport used on land, water and air. 3
 8. Classify the objects or materials given below as opaque, transparent or translucent and luminous or non-luminous: 3
Air, water, a piece of rock, a sheet of aluminium, a mirror, a wooden board, a sheet of polythene, a CD, smoke, a sheet of plane glass, fog, a piece of red hot iron, an umbrella, a lighted fluorescent tube, a wall, a sheet of carbon paper, the flame of a gas burner, a sheet of cardboard, a lighted torch, a sheet of cellophane, a wire mesh, kerosene stove, sun, firefly, moon.
 9. Why should an electrician use rubber gloves while repairing an electric switch at your home? Explain. 3
 10. The handles of the tools like screwdrivers and pliers used by electricians for repair work usually have plastic or rubber covers on them. Can you explain why? 3
 11. A bar magnet has no markings to indicate its poles. How would you find out near which end is its north pole located? 4
 12. You are given an iron strip. How will you make it into a magnet? 4