

HSL

8 - Std

HALF YEARLY EXAMINATION - 2022

SCIENCE

Time : 2.00 Hrs

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Marks : 60

10 X 1 = 10

I Choose the correct answer.

- Which of the following a simple circuit must have?
 - Energy, Source, Battery, Load
 - Energy, Source, Wire, Load
 - Energy, Source, Wire, Switch
 - Battery, Wire, Switch
- Fuse is
 - a switch
 - a wire with low resistance
 - a wire with high resistance
 - a protective device for breaking an electric circuit
- Sound waves travel very fast in
 - air
 - metals
 - vacuum
 - liquids
- Find out odd one out.
 - Harmonium
 - Flute
 - Nadaswaram
 - Violin
- The range of audible frequency for the human ear is
 - 2 Hz to 2000 Hz
 - 20 Hz to 2000 Hz
 - 20 Hz to 20,000 Hz
 - 200 Hz to 20,000 Hz
- Cathode rays are made up of
 - Neutral particles
 - Positively charged particles
 - Negatively charged particles
 - None of the these
- In water, hydrogen and oxygen are combined in the ratio of by mass.
 - 1 : 8
 - 8 : 1
 - 2 : 3
 - 1 : 3
- joints are immovable.
 - shoulder and arm
 - Knee and joint
 - Upper jaw and skull
 - Lower jaw and upper jaw
- Cockroach moves with the help of its
 - leg
 - bone
 - muscular foot
 - whole body
- Adolescence is the period of life between years of age
 - 10 to 16
 - 11 to 17
 - 11 to 19
 - 11 to 20

II Match the following.

5 x 1 = 5

- | | | |
|---------------------------|---|--------------------------------------|
| 11. Speed of sound in air | - | James Chadwick |
| 12. Fuse | - | Water |
| 13. Neutron | - | Change in Voice |
| 14. Universal solvent | - | 330mS ⁻¹ |
| 15. Adam's apple | - | Prevents a circuit from over heating |

