



Name -

Div -

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SUBJECT : Robotics

A. Tick the correct answer

1. The amount of gravity acting on the body is known as ____
a. Work b. Weight
1. What is the reason that all of us are stuck to the ground but not flying in the sky?
a. Energy b. Gravitational Force
2. _____ is the capacity or ability to do work.
a. Energy b. Weight
3. The energy stored in an object is known as _____.
a. Potential Energy b. Kinetic Energy
4. The sun is a rich source of _____.
a. Heat Energy b. Sound Energy
5. The energy obtained during a chemical reaction is called _____.
a. Mechanical Energy b. Chemical Energy
6. This kind of source we can use infinitely.
a. Renewable resources b. Non-Renewable resources
7. Solar energy is a _____.
a. Renewable Energy b. Non-Renewable Energy
8. Each Magnet has two poles – North and _____.
a. South b. East
9. Like poles of a Magnet ___ each other.
a. Attract b. Repel
10. _____ poles attract each other.
a. Like b. Unlike
11. The world's fastest train runs on _____.
a. Magnetic Levitation b. Petrol

12. Magnets follow which field
- a. Magnetic field b. Non-Magnetic field
13. _____ is a process in which the object hovers in the air.
- a. Magnetic Levitation b. Repulsion
14. How many ring magnets are used to perform vertical levitation experiment?
- a.6 b. 4
15. The word 'Circuit' is derived from the word '_____'.
a. Circle b. Triangle
16. Materials that allow an electric current to pass through them easily are called_____
- a. Conductors b. Insulators
17. The materials that do not allow current to pass through them are called _____
- a. Conductors b. Non-Conductors
18. Following is the good conductor of electricity.
- a. Plastic b. Silver
19. The full form of LED is _____
- a. Light Emitting Diode b. Low Emitting Diode
20. Can a human body conduct electricity
- a. Yes b. No

Subject Teacher

HOD

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