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18/12/21

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(4)

CLASS - V, SEC - D, ROLL NO - 29

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## Chapter - 11 (Force and Energy)

1) Choose the correct answer.

1) The force that helps us to ~~talk~~ walk.

Ans - a) Frictional force.

2) Tweezers are example of

Ans - d) Wedge

3) Ramp is an

Ans - c) Inclined plane

4) Which energy is produced by the vibration of an object?

Ans - d) Sound energy.

5) Which energy is used to run a fan?

Ans - a) Electrical energy

11) Fill in the blanks?

1) Energy can neither be created nor destroyed.

2) The pulley used for drawing water from

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a well is a fixed pulley.

2) The pulley used for draw.

3) Elastic force arises when a body deforms.

4) When the effort is in between the fulcrum and the load, it is a third-class lever.

5) Force can change the shape of an object.

Gravitational

1) Buoyant force helps us to stay on the ground.

2) A wheel with a rod attached to it <sup>wheel and axle</sup> is known as a pulley.

Energy

3) Force is the ability to do work.

Heat

4) Solar energy is heat from within the earth.

5) The sun is the source of Sound <sup>heat</sup> energy.

IV. Complete the series.

1. Mechanical force: Washing machine :: Radio:

Sound energy.

2) Flag pole: fixed pulley :: Crane: Movable

pulley.

3) Egg beater: Wheel and axle :: screw jack:

Car lifter.

4) Water: Water force :: Muscles: Muscular

force.

5) Fishing rod: Third class lever: Nutcracker:

Second-class levers.