



ST.LAWRENCE HIGH SCHOOL
JESUIT MINORITY INSTITUTION



CLASS 6

WORKSHEET NO.:21

SUB: GENERAL SCIENCE

F.M. 15

TOPIC: FORCE

DATE: 14.05.2020

A. CHOOSE THE CORRECT OPTION:

15x1=15

- When a force is applied to push an object, the direction of motion is always _____ from us.
a) pulled b) **away** c) towards
- When a force is applied to pull an object, the direction of motion is always _____ to us.
a) **closer** b) away c) far
- Force cannot change the _____ of an object.
a) speed b) energy c) **mass**
- Force can change the _____ of a moving object.
a) mass b) **speed** c) weight
- The amount of the force of friction depends on the _____ of the body.
a) state b) quality c) **mass**
- The amount of the force of friction does not depend on the _____ of the surfaces.
a) size b) nature c) **area of contact**
- Force can change the _____ of a moving object.
a) availability b) **direction** c) quality
- A force applied to an object by another object that is not in direct contact with it is called a _____ force.
a) muscular b) contact c) **non-contact**
- A force applied to an object by another object that is in direct contact with it is called a _____ force.
a) **contact** b) non-contact c) gravitational

10. The force acting between two surfaces in contact and trying to oppose the motion of one surface over the other is called _____.
- a) non-contact force b) contact force c) **force of friction**
11. Force of friction between two surfaces in contact with no relative motion between them is called ____ friction.
- a) rolling b) **static** c) sliding
12. When an object slides over a surface, the friction produced between the object and the surface is called _____ friction.
- a) **sliding** b) rolling c) static
13. When an object rolls on a surface, the friction produced between the object and the surface is called _____ friction.
- a) static b) sliding c) **rolling**
14. Friction can be reduced to a certain extent but cannot reduced to _____.
- a) two b) **zero** c) one
15. The amount of the force of friction acting between two surfaces depends on the _____ of the two surfaces.
- a) **nature** b) condition c) number

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