

Worksheet:-8

Subject: - Science

Class:-VIII

Teacher:-Mrs. Sandhya Sood

Name:-_____ Class & Sec.:-_____

Roll No.:-_____

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Chapter:-Force and Pressure

Very Short Q&A:

Q1: Push or pull on an object is known as _____.

Q2: Force has both magnitude and _____.

Q3: The strength of force is usually expressed by its _____.

Q4: What can bring change in state of motion of an object?

Q5: Define pressure.

Q6: What are contact forces?

Q7: What are non-contact forces?

Q8: What happens when the forces are applied on an object in the same direction?

Q9: Force can bring change in _____ and _____ of an object.

Q10: Give an example of contact force.

Q11: Give two examples of non-contact forces.

Q12: A batsman hits a cricket ball which then rolls on the level ground. After covering a short distance the ball comes to rest. The ball stops due to_____.

Q13: When two forces, applied on an object, are equal and opposite, then these forces

- a) May move the object.
- b) May stop a moving object.
- c) May move the object and also cause a change in its shape.
- d) Do not move the object but may cause a change in its shape.

Q14: Which of the following is an example of contact force?

- a) Magnetic force
- b) Muscular force
- c) Electric force
- d) Gravitational force

Q15: A fruit falling from tree is an example of which type of force?

Q16: What is the unit of pressure?

Q17: Which force act from distance and pull iron objects?

Q18: What is SI unit of Force?

Q19: What is muscular force?

Q20: What is the relation between direction of force of friction and direction of motion?

Q21: Define electrostatic force.

Q22: Electrostatic force is an example of _____.

Q23: Water begins to flow towards the ground as soon as we open a tap. This happens due to which force?

Q24: South Pole of a magnet repels South Pole of another magnet. True/false.

Q25: Define friction.

Q26: Why the cutting edge of a knife should be as sharp as possible?

Q27: Cars and buses are able to run on roads. Which force is responsible for it?

Q28: If the area over which the force acts decreases, the pressure _____.

Q29: Which force is used to separate solid pollutant particles from smoke given out from factories?

Q30: What is the force exerted by the Earth on all the bodies on its surface known as?

Q31: Name the instrument which is used to measure liquid pressure.

Q32: A liquid exerts pressure in _____ direction. (Upward / downward / sideways / all)

Q33: Which type of force a person applies while pulling an object?

Q34: Why muscular force is a type of contact force?

Q35: If the area over which the force acts decreases, the pressure increases. Write true or false.