**DR. VIRENDRA SWARUP EDUCATION CENTRE, PANKI - KANPUR**

**WORKSHEET - PHYSICS**

**CLASS - VIII DATE: 6 /02 /18**

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1. Tick the right answers.
2. Which of the following is S.I unit of pressure?

i. Newton ii. Nm2

iii. Nm iv. N/m2

1. Which of the following is advantage of friction?

i. Causes wear n tear ii. Causes massive fire

iii. Reduces speed iv. Causes heat

1. Which property of the sound is responsible for loud sound?

i. Amplitude ii. Wavelength iii. Frequency iv. Timbre

1. Dispersion of the light causes due to which of the following?

i. Incident angle ii. Reflected angle iii. Angle of deviation iv. Zero angle

1. When image forms before retina in human eye. The defect is called as:

i. Myopia ii. Hypermetropia iii. Cataract iv. Blindness

1. Tick the properties of the image formed, when we place an object in

between focus and optical centre in front of convex lens.

i. Virtual, erect and magnified ii. No image will formed

iii. Real, inverted and diminished iv. Real, inverted and same size

1. Liquid conductors of electric current are known as:

i. Electrodes ii. Electrolytes iii. Electrons iv. Electrolysis

1. Write any two effects of force.
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. Write any two properties of liquid pressure.
5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
7. Why friction is also known as resistive force?

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1. Distinguish between electrolysis and electroplating.

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1. Write any two effects of refraction. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Show that why convex lens is known as converging lens.
3. Draw a well labelled diagram of hypermtropic eye.
4. Write an expression for number of images formed by mirrors kept at an angle.

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1. Draw any two laws of ray diagrams through convex lens.