

**GRT MAHALAKSHMI VIDYALAYA,
ASHOK NAGAR, CHENNAI -83.**

CLASS VIII

SUBJECT: PHYSICS

II TERM WORK SHEET

I. Fill in the blanks:

(1 x 10 = 10)

1. Sound waves need a medium to travel, so they are _____ waves.
2. _____ Waves are marked by crests and troughs.
3. Velocity of sound in _____ is 330 m/s.
4. Evaporation takes place at the _____ only.
5. Humidity can be measured using an instrument called _____.
6. Latent heat of evaporation of water is _____ calories.
7. Machines based on Pascal's law are known as ----- machines.
8. Thrust per unit area is called _____.
9. If mass varies, _____ remains the same.
10. As depth decreases, pressure _____.

II. Match the following:

(1 x 10 = 10)

<ol style="list-style-type: none">1. Pressure P is given by2. Relative density3. Force exerted downward by a body4. Boiling point of water5. Gases to Liquid6. Cooling curve method7. Humidity8. Loudness depends on9. Pitch of the sound depends on10, S I unit of frequency	<ul style="list-style-type: none">• Condensation• $h \rho g$• moisture content of air• Melting point of wax• 100°C• Magnitude of waves• Frequency• Hertz• thrust• as no unit
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