

GIRLS' HIGH SCHOOL & COLLEGE, PRAYAGRAJ

SESSION 2020 – 2021

CLASS 8(A, B, C, D, E)

SUBJECT – PHYSICS

ASSIGNMENT-3

CHAPTER- FORCE AND PRESSURE

Instructions for the E- Learn assignment: The parents to ensure that their ward watches the video instructions for this assignment by clicking on the given link:

<https://youtu.be/TGAYavQyNVY>

She should revise the lesson given in the book and then work on the assignment. The completed assignment is to be downloaded and filed/ pasted in the subject file/ copy and kept ready for submission. The day, date and procedure of submission shall be notified later.

TOPIC:- PRESSURE

Q1.Answer in detail:

- a. Describe an activity to show that air exerts pressure.

Q2.Answer in short:

- a. Why camels have wide feet?
- b. Define pressure and atmospheric pressure.
- c. State the formula to calculate pressure exerted by liquids.

Q3.Fill in the blanks:

- a. If the volume of a mass of gas decreases, its pressure**
- b. The SI unit of pressure is**
- c. The pressure exerted by a column of liquid depends on its**
- d. The effect of a force depends on theover which it acts.**

Q4.State true or false:

- a. Height has no effect on the pressure exerted by a liquid.**
- b. A liquid exerts pressure in all directions.**
- c. The pressure at a particular depth under a sea is same.**
- d. Pressure is defined as force + area.**

End