



Assignment

ABHYAS Academy,Near Govt. College, Nishat Cinema Road,
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e-Mail: anusethi1968@yahoo.com

www.abhyasonline.in

Date: __ / __ / __

Name: _____

Max Marks: 23

Section- A (One Marks Each)

- 1 Have you ever been accidentally stepped on by someone? Which do you think would hurt more, flat shoes or pointed shoes? Why?
- 2 What happens when more and more air is blown into the balloon?
- 3 Define barometer.

Section-B (Two Marks Each)

- 4 If a force of 2N is applied over an area of 2cm^2 , calculate the pressure produced.
- 5 Calculate the pressure if a force of 2 N is applied on an area of 2mm^2 .
- 6 Define atmospheric pressure.
- 7 Explain variation of atmospheric pressure with altitude.
- 8 Explain open- tube manometer.
- 9 Why the area of edge of a knife's blade is extremely small.
- 10 Why are dams made stronger and thicker at the bottom than at the top?

Section-C (Three Marks Each)

- 11 Explain variation of pressure with area with examples?
- 12 Explain any three applications of air pressure in daily life.



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