

Physics 9th Class English Medium Online Test

Sr	Questions	Answers Choice
1	Which will exert greater pressure.	A. 3 g needle of tip are 1 mm ² B. 4000 kg elephant of total feed area 0.5 m ² C. A girl of mass 40 kg wearing high heel shoes of cross sectional area 0.5 cm ² D. A loaded ship of mass 2.2×10^7 kg having area 600 mm ²
2	SI unit of pressure is.	A. Newton B. Pascal C. Infinite D. Zero
3	Materials which does not regain its original shape after removal of the load producing deformation are termed as.	A. Rigid materials B. Hook's materials C. Plastic materials D. Elastic materials
4	A mass of 2 kg is hung by spring which displaces it through 5 cm. the spring constant.	A. 4000 N/m B. 400 N/m C. 40 N/m D. 4 N/m
5	Hook's law holds good up to	A. Plastic B. Elastic C. Yield limit D. Proportional limit
6	The most elastic material of the following is.	A. Rubber B. Steel C. Wood D. Glass
7	What is the force exerted by the atmosphere on a rectangular block surface of length 50 cm and breadth 40 cm? The atmospheric pressure is 100 k Pa.	A. 20 kN B. 200 kN C. 100 kN D. 500 kN
8	When a spring is compressed, what form of energy does it possess.	A. Heat B. Internal C. Potential D. Kinetic
9	The principle of a hydraulic press is based on.	A. Pascal's law B. Hooke's Law C. Principle of conservation of energy D. Principle of conservation of momentum
10	Pressure applied to an enclosed fluid is.	A. Increases and applied to every part of the fluid B. Transmitted unchanged to every portion of the fluid and walls of containing vessel C. Increased and transmitted to the walls of container D. Diminished and transmitted to walls of container
11	The pressure at any point in a liquid is proportional to.	A. Density of liquid B. Depth of the point below the surface of the liquid C. Acceleration due to gravity D. All of the above
12	Four wires of the same material are stretched by the same load. Their dimensions are given below. Which of them will elongate most.	A. Length 4 m, diameter 0.5 mm B. Length 1 m, diameter 1 mm C. Length 2 m, diameter 2 mm D. Length 3 m, diameter 3 mm