



# ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

Subject- Physics

Worksheet- 23

Class – IX

Date -23.04.2020

Chapter- Pressure in solid,liquid and gases

• Q Answer the following questions (MCQ) :

(1×15):

**Q1 The object will sink if its weight is**

- A. greater than up thrust on it
- B. less than up thrust acting on it
- C. equal to up thrust acting on it
- D. all of above

**Q2: The approximate length of a glass tube to construct a water barometer should be**

- A. 0.5 m
- B. 1 m
- C. 11 m
- D. 5 m

**Q3: When an object is totally or partially immersed in a liquid, an up thrust acts on it equal to the weight of the liquid it displaces. This statement is called**

- A. Newton's principle
- B. Archimedes principle
- C. Einstein principle
- D. Pascal's principle

**Q4: In order to make an object float, its weight should be equal to**

- A. atmospheric pressure
- B. up thrust acting on it
- C. density
- D. weight of liquid

**Q5: The hydraulic press works on the principle of**

- A. Newton's law
- B. Avogadro's law
- C. Pascal's law
- D. Charle's Law

**Q6 Barometer was invented by**

- A. Sir Evangelista Torricelli
- B. Sir Christian Huygens
- C. Sir Thomas Edison
- D. Sir William kennedy Dickson

**Q7: The barometer was invented in**

- A. Poland
- B. Netherlands
- C. Australia
- D. Italy

**Q8: In which one of the following year, the barometer was invented?**

- A. 1616
- B. 1685

- C. 1643
- D. 1633

**Q9: In which one of the following year barometers was invented?**

- A. 1955
- B. 1643
- C. 1935
- D. 1945

**Q10: The barometer was invented by**

- A. Sir Nikola Tesla
- B. Sir Evangelista Torricelli
- C. Sir Schuyler Skaats Wheeler
- D. Sir Michael Faraday

**Q11: Wind speed is measured with the help of**

- A. weather balloon
- B. thermometer
- C. barometer
- D. anemometer

**Q12: Polar zone have the climate which is**

- A. hot
- B. extremely cold
- C. mild
- D. rainy

**Q13: Thousand of forest fires is result of**

- A. strike
- B. thud
- C. thunder
- D. trumpet

**Q14: A small rocky object which orbit the sun is called as**

- A. meteorite
- B. steroid
- C. asteroid
- D. astronauts

**Q15: The water falling on earth surface in any form is called**

- A. atmosphere
- B. climate
- C. weather
- D. precipitation

Halder

Teacher- Piyali