

MEASURING DEVICES AND SCALES BASED GENERAL SCIENCE MCQ PRACTICE QUESTIONS AND ANSWERS PDF WITH EXPLANATION

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Q1. SONAR is mostly used by

- a) Engineers
 - b) Astronauts
 - c) Doctors
 - d) Navigators
-

Q2. The intensity of Earthquake is measured in

- a) pH scale
 - b) Richter scale
 - c) Decibel scale
 - d) Celsius scale
-

Q3. What is measured by manometer?

- a) Density of liquids
 - b) Air pressure
 - c) Pressure of gas
 - d) Pressure of oil on the surface
-

Q4. Radar is used for

- a) Determining the presence and location of objects with radio wave
- b) Detecting objects by using light waves
- c) Reflecting sound waves to detect objects

d) Tracking rain-bearing clouds

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Q5. Hygrometer is used to measure

- a) High temperature
- b) Humidity in atmosphere
- c) Atmospheric pressure
- d) Velocity of wind

Q6. Which one of the following is not correctly matched?

- a) Tacheometer - Pressure difference
- b) Anemometer - Wind speed
- c) Ammeter - Electric current
- d) Pyrometer - High temp.

Q7. Which one of the following can be used to measure temperature above 1500°C?

- a) Platinum resistance thermometer
- b) Clinical thermometer
- c) Thermoelectric couple thermometer
- d) Pyrometer

Q8. Which one of the following pair is not correctly matched?

- a) Audiometer - Device for measuring sound intensity
- b) Odometer - Measuring instrument for distance covered by motor wheels

- c) Ondometer - Measuring instrument for frequency of electromagnetic waves
 - d) Ammeter - Measuring instrument for electric power
-

Q9. Richter scale is used for measuring

- a) Amplitude of seismic waves
 - b) Velocity of sound
 - c) Intensity of light
 - d) Intensity of sound
-

Q10. In SONAR, we use

- a) Ultrasonic waves
 - b) Radio waves
 - c) Audible sound waves
 - d) Infrasonic waves
-

Q11. The liquid/liquids used in the simple barometer is/are

- a) Alcohol
 - b) Water
 - c) Mercury
 - d) All of these
-

Q12. The velocity of wind is measured by

- a) Hydrometer
- b) Barometer
- c) Anemometer
- d) Wind Vane

Q13. Which one of the following devices is used to measure extremely high temperature?

- a) Phonometer
- b) Pyrometer
- c) Photometer
- d) Pycnometer

Q14. 'Pyrheliometer' is used for measuring

- a) Air temperature
- b) Sun spots
- c) Solar radiation
- d) Temperature of plants

Q15. Match List-I with List-II and select the correct answer using the code given below the lists.

List I	List II
A. Stethoscope	1. To measure intensity of light
B. Sphygmomanometer	2. To check purity of gold
C. Caratometer	3. To hear heart sound
D. Lux meter	4. To measure blood pressure

Code: (A) (B) (C) (D)

- a) 3 4 2 1
- b) 1 2 3 4
- c) 4 3 2 1
- d) 2 1 4 3

Answers to the above questions :

Q1. Answer: (d)

Q2. Answer: (b)

Q3. Answer: (c)

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Q4. Answer: (a)

Q5. Answer: (b)

Q6. Answer: (a)

Q7. Answer: (d)

Q8. Answer: (d)

Q9. Answer: (a)

Q10. Answer: (a)

Q11. Answer: (c)

Q12. Answer: (c)

Q13. Answer: (b)

Q14. Answer: (c)

A pyrheliometer is a device that **measures solar irradiance coming directly from the sun.**

The SI units of irradiance are **watts per square metre (W/m^2).**

Q15. Answer: (a)

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