

Everyday Science Online Test

| Sr | Questions | Answers Choice |
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| 1 | The shape of a spot of light produced when bright sunshine passes perpendicular through a hole of very small size is | A. Square, because the hole is a square B. Round, because it is an image of the sun C. Round with a small penumbra around it D. Square with a small penumbra |
| 2 | Which gas is commonly used in balloons and airships? | A. Nitrogen B. Helium C. Carbon D. Hydrogen |
| 3 | Which of the following is a physical change | A. Boiling of water B. Rusting of iron C. Boiling of an Egg D. Burning of candle |
| 4 | Superconductors are those materials | A. Which become non-conductors at transition point B. Which loses all electrical resistance C. In which resistance rises to infinity below certain temperature D. Which conducts electricity in extra width |
| 5 | Which one of the following is not a radioactive element | A. Uranium B. Radium C. Thorium D. Cadmium |
| 6 | A falling drop of rain water acquires the spherical shape due to | A. Surface Tension B. Gravitational force C. Atmospheric pressure D. Viscosity |
| 7 | A periscope works by the principle of | A. Refraction B. Total internal reflection C. Diffraction D. Reflection and refraction |
| 8 | Which of the following light waves is outside the visible spectrum? | A. Violet B. Blue C. Yellow D. Ultraviolet |
| 9 | Estimated time period of a pendulum of length 0.2 is closer to is | A. 5 sec B. 1 sec C. 2 sec D. None of these |
| 10 | What is the value of knee voltage of silicon diode? | A. 0.3 V B. 0.33 V C. 0.7 V D. 1.1 V |