



Name

Roll No

1- ہر سوال کے سامنے چار دائرے دئے گئے ہیں، صرف صحیح جواب والا دائرہ بھریں۔

2- دائروں کو شیڈ (بھرنے) کے لئے نیلے یا کالے رنگ کا مارکر استعمال کریں۔

3- جواب میں ایک سے زائد دائرے بھرنے سے جواب غلط تصور ہوگا۔

Time Allowed: 15 Minutes

SECTION - A

Marks : 12

- 1 Time period is reciprocal of.....
 Wavelength Frequency Displacement Amplitude
- 2 At 20°C , the speed of sound in air is.....
 343 ms^{-1} 338 ms^{-1} 331 ms^{-1} 330 ms^{-1}
- 3 Sound cannot travel through.....
 Solid Liquid Gas Vacuum
- 4 Which of the given materials will refract light more?
 Glass Water Diamond Benzene
- 5 One kilowatt-hour is equal to.....
 36 MJ 3.6 MJ 0.36 MJ 360 MJ
- 6 The index of refraction for vacuum is.....
 2.4 1.5 1.33 1
- 7 Charge is measured in the units of.....
 Coulomb Ampere Volt Farad
- 8 The product of current and voltage is.....
 Resistance Voltage Power Energy
- 9 A device that converts electrical energy into mechanical energy is.....
 D.C motor A.C generator Transformer Electron gun
- 10 Which of the given is a negatively charged particle?
 Proton Alpha particle Neutron Electron
- 11 Electric or electromagnetic representation of data or information is termed as.....
 Software Signal Transmission Computer
- 12 Origin of energy from the sun and stars is.....
 Radioactivity Fission Fusion Beta emission