



Physics Short Questions 10

Description

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- 1 Define simple harmonic motion.
- 2 Define restoring force.
- 3 What is meant by damped oscillations.
- 4 Define mechanical waves and describe its types.
- 5 What is meant by Diffraction and refraction of waves.
- 6 Prove that $v=f\lambda$.
- 7 Define wave motion.
- 8 Define pitch and quality.
- 9 Define loudness on which factors it depends upon.
- 10 Quality of sound.
- 11 Intensity of sound.
- 12 Difference between musical sound and noise.
- 13 Refraction of sound (ECO).
- 14 What is (SONAR).
- 15 write Uses of ultrasound.
- 16 Define Acoustics.
- 17 write Laws of reflection and refraction.
- 18 What is Snell's law, write its formula.
- 19 Define critical angle.
- 20 What is meant by power of lens, Write its formula.
- 21 Write types of lenses and their uses.
- 22 What is total internal reflection, write its two conditions.
- 24 Define electro static induction.
- 25 Define coulomb law and write formula
- 26 What is electric field. describe two properties.
- 27 Define electric field intensity and write its unit.
- 28 Electric potential Potential difference.
- 30 Define Volt.
- 31 Write uses of capacitors
- 32 Difference b/w electric and conventional current.
- 33 What is meant by emf write its formula.
- 34 What is SI unit of resistance, write formula.



- 35 Define Ohm's law and write formula.
- 36 Properties of ohmic, non ohmic conductor.
- 37 Difference between AC and DC.
- 38 Define electric power, write formula.
- 39 Define kilo watt hour.
- 40 Difference between conductor and insulator.
- 41 Describe Joule's law and write formula.
- Right Hand rule for magnetic field.

- 43 Fleming's left hand rule.
- 44 Define electromagnetics write its pole.
- 45 Define electromagnetic induction.
- 46 Define Lenz's law.
- 47 Factors affecting induced emf.
- 48 Define mutual induction. Describe relay.
- 49 Diff b/w step up and stepdown transformer
- 50 Define thermionic emission.
- 51 Define CRO.also write Parts of CRO
- 52 What are ADC and DAC.
- 53 What is fluorescent screen
- 54 What are analogue quantities, two exam.
- 55 What is mean?
- 59 Make truth table and symbol of NOR and NAND gate.
- 60 Difference b/w hardware and software?
- 61 Define ICT.
- 62 Define telecommunication.

- 63 Difference between RAM and ROM.
- 64 What are tele phones and fax machine write their uses.
- 65 What do you know about word processing.
- 66 Write Services of internet.
- 68 Difference between Primary and secondary memory.
- 69 Difference between data and information.
- 70. What are isotopes give examples.
- 71 What are background radiations, and write their causes.
- 72 Define transmutations.
- 73 Write properties of Beta rays.
- 74 Write two uses of radio isotopes.
- 75 Carbon dating.
- 76 Difference between fission and fusion reaction.
- 77 Hazards of radiations.

Category

- 1. 10th Class Guess

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