



PHYSICS

BOOKS - VIKRAM PUBLICATION (ANDHRA PUBLICATION)

TELANGANA MARCH-2019

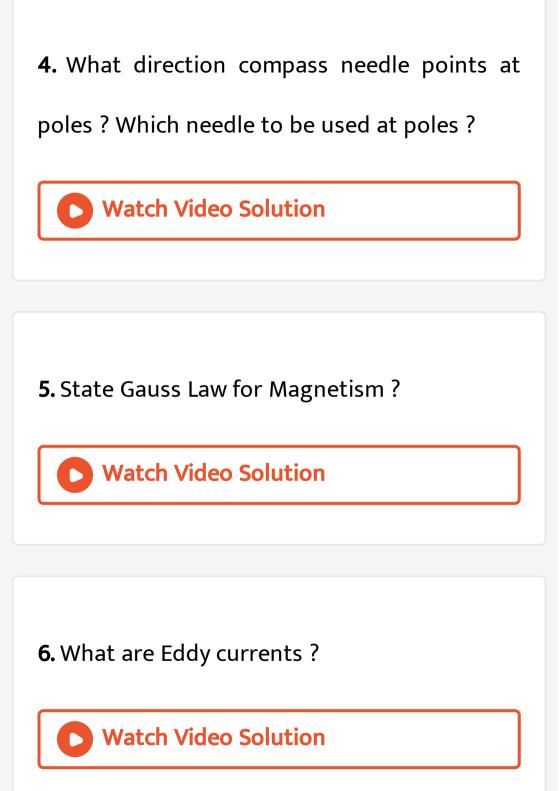


1. Define Modulation. Why is it necessary ?

2. What focal length should the reading spectacles have for a person for whom the least distance of vision is 50 cm ? (The distance of Normal vision is 25cm).



3. State Ampere's Law?







8. What is the phenomenon involved in the

working of transformer?

9. Write any one use of infrared Waves. Which

animal can detect Infrared Waves ?



10. What is p-n junction diode ? Define

depletion layer.





1. Explain the formation of Mirage .

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2. Derive the expression for effective capacitance when 'n' capacitors are connected in series.



3. A current of 10A passes through two very long wires held parallel to each other and separated by a distance of 1m. Wha is the force per unit length between them ?

Watch Video Solution

4. Give two drawbacks of Rutherford Atomic Model. Write two any two postulates of Bohr's Atomic Model.



5. Explain the working of full wave rectifier with diagram ?