

Important Questions of MP Board Class 12 Physics

1. Define Remote Sensing
2. Define Conjugate Focci
3. Give 2 characteristics of laser rays
4. If the length of a conducting wire becomes twice, when stretched. Then, how many times, resistance will increase. Calculate?
5. What is a thermistor? Write the uses
6. What is a superconductor? Write the uses.
7. Define the formula for refractive index of material of prism
8. With the help of Biot-Severt's law, obtain an expression for the intensity of magnetic field near a straight, long current carrying conductor
9. What are electromagnetic waves? Write their characteristics (any six).
10. What is a communication system? What are the main parts of it, explain with the help of a block diagram.
11. State and Prove Gauss's Theorem
12. What is the greenhouse effect? Explain.
13. What is photoelectric effect?
14. What is demodulation?
15. Derive expression for the self-inductance of a solenoid. What factors affect it?
16. Differentiate Analog signal and digital signal with diagrams
17. What is Parallax? Explain.
18. What is Optical Fibre? On What Principle Does It Work?
19. Write Faraday's Laws of Electromagnetic Induction and obtain an expression of induced e.m.f.

20. Describe the terrestrial telescope on the basis of the following points:
- Labelled Ray Diagram.
 - Derivation of formula of magnifying power, when final image is formed at the least distance of distinct vision.





