

## Physics - 12th Std - 5 Mark Questions

1. Axial line
2. Equatorial plane
3. Electrostatic potential due to dipole
4. E due to Long, charged wire
5. Van de Graaff generator
6. Microscopic model
7. Macroscopic model
8. Resistors in series & parallel
9. Internal resistance of cell using Voltmeter
10. Wheatstone bridge
11. Meter bridge
12. Emf of 2 cells using potentiometer
13. B due to long straight Current carrying conductor using Biot-Savart law
14. Circular coil
15. Cyclotron
16. B inside and outside of long Solenoid
17. Force on a Current carrying conductor in Magnetic field
18. Transformer
19. RLC circuit
20. Solenoid- inductance
21. Rotation of coil in B induces alternating emf
22. Maxwell equations in integral form
23. Maxwell's modification of Ampere's circuital law
24. Emission spectrum
25. Absorption spectrum

26. Mirror equation
27. Fizeau's method
28. Lens makers formula
29. Young's double slit experiment- bandwidth
30. Laws of photoelectric effect
31. Einstein's photoelectric equation
32. Construction & working of Photo emissive cell
33. De Broglie wavelength of electron
34. Electron microscope
35. Davission - Germer experiment
36. Characteristics X-Ray spectra
37. J.J.Thomson experiment
38. Energy expression for electron
39. Radius of n'th orbital
40. Spectral series of hydrogen atom
41. Law of radioactivity
42. Nuclear reactor
43. Full wave rectifier
44. Half wave rectifier
45. State & prove De Morgan's first and second theorem
46. Transistor as switch
47. Simple microscope
48. Mutual inductance between pair of coils
49. Force between 2 parallel, current carrying conductors

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