

Here are the **Top 100 Physics Questions**, categorized for clarity. These questions are excellent for school students, Olympiads, NEET/JEE aspirants, and general science knowledge.

A. Mechanics (1–25)

1. What is physics?
2. What is motion?
3. What is distance and displacement?
4. What is speed and velocity?
5. What is acceleration?
6. What are scalar and vector quantities?
7. What is Newton's First Law of Motion?
8. What is Newton's Second Law of Motion?
9. What is Newton's Third Law of Motion?
10. What is inertia?
11. What is momentum?
12. What is the law of conservation of momentum?
13. What is force?
14. What is friction and what are its types?
15. What is gravity?
16. What is mass and how is it different from weight?
17. What is free fall?
18. What is pressure?

19. What is work?
 20. What is power?
 21. What is energy?
 22. What is kinetic energy?
 23. What is potential energy?
 24. What is the law of conservation of energy?
 25. What is a simple machine?
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B. Heat and Thermodynamics (26–40)

26. What is temperature?
27. What is heat?
28. What is thermal expansion?
29. What are the modes of heat transfer?
30. What is conduction?
31. What is convection?
32. What is radiation?
33. What is specific heat capacity?
34. What is latent heat?
35. What is thermal equilibrium?
36. What is the zeroth law of thermodynamics?
37. What is the first law of thermodynamics?

38. What is the second law of thermodynamics?

39. What is entropy?

40. What is an ideal gas?



C. Sound and Waves (41–55)

41. What is a wave?

42. What are longitudinal and transverse waves?

43. What is frequency and wavelength?

44. What is amplitude?

45. What is the speed of sound?

46. What is resonance?

47. What is echo?

48. What is the Doppler effect?

49. What is ultrasonic sound?

50. What is SONAR?

51. What is noise pollution?

52. What is the difference between sound and noise?

53. What is the reflection of sound?

54. What is interference of sound waves?

55. What is a tuning fork?



D. Light and Optics (56–70)

- 56. What is light?
 - 57. What is reflection of light?
 - 58. What are the laws of reflection?
 - 59. What is a mirror?
 - 60. What is refraction of light?
 - 61. What is a lens?
 - 62. What is a prism?
 - 63. What is total internal reflection?
 - 64. What is dispersion of light?
 - 65. What causes a rainbow?
 - 66. What is a real and virtual image?
 - 67. What is the human eye?
 - 68. What are myopia and hypermetropia?
 - 69. What is the power of a lens?
 - 70. What is a microscope and telescope?
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E. Electricity and Magnetism (71–90)

- 71. What is electric charge?
- 72. What is current?
- 73. What is voltage?

74. What is resistance?
 75. What is Ohm's Law?
 76. What is an electric circuit?
 77. What is a series and parallel circuit?
 78. What is electric power?
 79. What is an electric fuse?
 80. What is a magnet?
 81. What are magnetic field lines?
 82. What is an electromagnet?
 83. What is electromagnetic induction?
 84. What is a transformer?
 85. What is an electric motor?
 86. What is a generator?
 87. What is the right-hand rule?
 88. What is static electricity?
 89. What is lightning?
 90. What are conductors and insulators?
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F. Modern Physics and Miscellaneous (91–100)

91. What is the photoelectric effect?
92. What is quantum physics?

93. What is radioactivity?
 94. What are alpha, beta, and gamma rays?
 95. What is half-life?
 96. Who discovered the electron?
 97. What is nuclear fusion?
 98. What is nuclear fission?
 99. What is the theory of relativity?
 100. What are the recent discoveries in physics?
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