



PHYSICS

1. Which is heavier fundamental particle: Proton or neutron or electron?
2. Who discovered Proton?
3. Who discovered Neutron?
4. Who discovered Electron?
5. Which is the first scientific atom model?
6. What is mean by the term 'CRT' in CRT monitors?
7. Why is it safe to sit inside a bus during lightning?
8. What is the difference between nuclear force and electrostatic force?
9. What is the force we experience while sitting in a merry go around?
10. Who invented X-Rays?
11. How does an electric fuse work?
12. What is the principle of operation of Electric motor?
13. What is the principle of operation of Electric generator?
14. What is the difference between Convex and Concave mirror?
15. What is mean by aperture in Cellphone Camera lens?
16. What is the type of lens found in human eye?
17. How does optical fiber work?
18. What causes brilliance of diamond?
19. What is the difference between reflection and refraction?
20. Where do we have higher gravity? Equator or Pole?
21. Why are rocket launch stations found on eastern side of continent?
22. What is the direction of rotation of earth?
23. What is called convection?
24. What is the difference between conduction and convection?
25. Where is cosmic ray intensity higher? Equator or Pole?
26. What is Geo synchronous satellite?
27. What is called a Sonic Boom?
28. What is a Mach?
29. What is speed of light in vacuum?
30. What is the difference between LED and LCD?
31. Who got the first Nobel prize for Physics?
32. What was the first nuclear reactor constructed in India?
33. What is IGCAR?
34. What are cosmic rays?
35. What is the use of Radio Cobalt?
36. Who discovered Artificial radioactivity?
37. What is the voltage in common household AC supply?



38. What is the difference between AC and DC current?
39. What is the use of transformer?
40. What is surface tension?
41. What is the effect of soap/detergent on surface tension of water?
42. Who discovered Nucleus?
43. What is the working principle of stethoscope?
44. What is infrasonic?
45. What is ultrasonic?
46. What is the unit of pressure?
47. What is mean by Impulse?
48. What is mean by Momentum?
49. How does lighting arrestor work?
50. Is pure water a conductor?
51. Why do we use copper in wires?
52. What is Refractive Index?
53. Why does sky appear blue?
54. Why does sky appear red in the evening?
55. What is scattering of light?