

100 + Physics One Liner Questions

1. Distance of stars is measured in- **Light years**
2. 1 micron is equal to- **10⁻⁶ mm**
3. Which is the highest density of water - **40 C**
4. The value of one horsepower is - **746 watts**
5. The sound of an aircraft is generally compatible with- **100 decibels**
6. When the mercury of the barometer suddenly falls, what does it signify- **the possibility of thunderstorm or hail**
7. The work done by the formula of a simple pendulum during a full oscillation is equal to- **Zero**
8. What are the units of Planck constant - **Joulesecond**
9. What causes a needle or pin to float on the surface of water - **surface tension**
10. What are the units of electric power- **Watt**
11. If an object rotates in a circle at the same speed- **its velocity remains the same.**
12. Why rice cooks faster in pressure cooker - **Water boils at a higher temperature when there is pressure.**
13. The total energy required to launch a missile at a velocity lower than the Earth's flight velocity - **negative**
14. When water freezes- **its density decreases.**
15. Works on the basis of conservation of linear force- **rocket**
16. The intensity ratio of waves is 25: 9, what will be the ratio of their expansion - **5: 3**
17. What is the most suitable unit to express the nuclear radius- **angstrom**
18. What is the amount of substance in a steel sphere- **mass**
19. Whose rule of hydraulic brake works on - **Pascal's rule**
20. Measuring and recording the relative humidity of air is a - **hygrometer**
21. A gas thermometer is more sensitive than a liquid thermometer because gas - **diffuses more than liquid.**
22. When the bus suddenly turns, then the passengers standing in the bus fall outwards - what is the reason for this - **speed of speed**
23. If the velocity time graph of a particle is represented by $y = mt + c$, then the particle is moving- **with uniform acceleration**
24. Quartz crystal work in clock is based on-
25. **Pressure on electric effect**
26. The reasons for TV reception are disturbed when a vehicle passes - **spark plugs cause electromagnetic disturbance.**
27. For moving bodies with unequal velocity and uniform acceleration - **the displacement time graph is non-linear.**
28. On which principle does the fiber optical cable used in communication work- **total internal reflection of light**
29. The object which absorbs all the colors and does not reflect any is seen- **black**
30. Movement of insects towards the source of light is called- **Lucent**
31. The division of white light into components is due to- **Reflection**
32. Why the thin layer of oil appears colored on the water surface - **due to the interference**

33. On which principle do optical fibers work - **Complete internal reflection**
34. The sky appears blue due to this - **Scattering**
35. Whose units are light years - **distance**
36. What causes Indra-dusha - **refraction and reflection**
37. Lux is the unit of which- **Illumination**
38. If a concave mirror has both the object and the image at the center of curvature, then the image is- **the same size as the object.**
39. What is the mirror used to see the back traffic in an automobile - **convex**
40. Why the snow covered with sawdust does not melt quickly - **sawdust is a bad conductor of heat.**
41. Which instrument is used for photography of the Sun- **Spectroheliograph**
42. Which coolant is commonly used in a refrigerator- **Freon**
43. With which instrument is the temperature of a shining object accurately determined - **Pyrometer**
44. Which metal remains in liquid state at room temperature- **mercury**
45. At boiling point of liquids - **temperature is constant**
46. When ice is formed, water entropy- **decreases** 219. Who suggested quantum theory - **Max Planck**
47. The word 'insulation' means- **incoming solar radiation.**
48. What is a white and smooth surface - **bad absorber of heat and good reflectivity**
49. At what fraction of centigrade and Fahrenheit temperature are uniform - **-40°**
50. What material is used in electric heater - **nichrome**
51. The device for converting transformer is- **Low voltage AC in High voltage AC**
52. The term 'Higgs Boson' is related to- **Gad particle**
53. If the electrical resistance is to be reduced, then the number of resistors should be connected to - **parallel**
54. Diamond does not conduct electricity because- **it does not have an independent electron**
55. Relative gravity is the ratio of which of the following - **density of matter and density of water**
56. 389. The work done by the formula of a Saral pendulum during a full oscillation is equivalent to - **zero**
57. A liquid boils about when its- **vapor pressure is equal to the variable pressure.**
58. A pressure gauge is placed in a bell jar. Slowly remove the air from that jar, but what happens - **the water level starts rising**
59. Steel is more elastic than rubber because - **steel easily deforms.**
60. Who has no effect on the velocity of sound - **Humidity**
61. Whose character of the star is the temperature - **temperature**
62. The glow that occurs in bubbles created by water is due to which process - **due to the total internal reflection of light**
63. What is the purpose of optical filters - **transmission or inclusion of light of different colors.**
64. The temperature whose reading is the same on both Fahrenheit and Celsius scales - **40 ° C**
65. A body absorbs heat the most when it is - **black and rough**
66. Water is used in hot water bags because - **its specific heat is high.**
67. Mercury is commonly used in thermometers because - **it has high conductivity.**
68. Why water is not suitable as a calorimetric material - **it has high specific heat.**
69. Why the bottom of the cooking utensil is left black - **Black surface is good absorber of heat**
70. Gas thermometers are more sensitive than liquid thermometers because - **the diffusion coefficient of the gas is high.**
71. What is a white and smooth surface - **bad absorber of heat and good reflector**

72. What material is used in electric heater- **Nichrome**
73. Those bodies, which are good absorbers of heat, have other properties as well - **good radiative**
74. What is wavelength when black body radiation reaches the highest state - **decreases with increasing temperature.**
75. X-ray fields are located between the gamma- **Ray and ultraviolet regions.**
76. Most of the electric power used in fiber type light bulbs is- **manifested as infrared rays.**
77. Why red lights are used as traffic signals to stop traffic - **they are the least scattered**
78. The reason why the star appears twinkling in the sky - **refraction of light by the atmosphere**
79. When a strong beam of light passes through a colloidal solution, the light will - **disperse**
80. Which radiation has the lowest wavelength - **Y-rays**
81. The principle behind the stability of vision is the theory behind- **Cinema**
82. Who discovered the electromagnetic form of light - **Maxwell**
83. What is the time of exposure required to take a photograph of a substance - **the brightness of the substance**
84. Is the color disc test function of Newton responsible for the - **stability of vision**
85. Which layer of the Earth's atmosphere contains the ozone layer - **stratosphere**
86. What will be the boiling point of water in mountainous areas - **less than the sea water**
87. In which process is the transmission of heat through the actual motion of molecules from high temperature to low temperature - **Convection**
88. Even after sunset, due to which the air near the surface of the earth keeps getting heat - **terrestrial radiation**
89. Which device (instrument) can be used to detect radiative heat - **thermoelectric mass**
90. Which law of thermodynamics says that the heat of a high-temperature object cannot be transferred from a low-temperature object without the help of any external factor - **2nd**
91. Burning by steam is more painful than boiling water. Because - **steam contains latent heat.**
92. If an internal and an external engine are working
93. The first law of thermodynamics is generally related to the matter - **conservation of energy**
94. Even after sunset, what causes the air near the surface of the earth to receive heat - **terrestrial radiation**
95. The commonly used plastic material for making gear heels is - **polystyrene.**
96. Which is used in closed- **oven (micro-wave)**
97. What causes the continuous creation of energy in the Sun- **nuclear fusion**
98. By keeping the window open in one corner of a room, its scent spreads to all parts of the room.
99. How the heat of the Sun reaches the Earth - **by radiation**
100. When two cubes of ice (cubes) are pressed on top of each other, they join to form a cube - **covalent attraction**
101. Why it seems that strong wind is hurling large fires in the open- **Why the surrounding hot air rises and cold air enters and has the effect of kindling the fire.**
102. Energy emitted by the Sun is due to- **nuclear fusion.**
103. Energy in ultraviolet rays is more than what- **infrared rays**
104. The parachute comes down slowly, while the stone thrown from the same height comes faster - **the surface area of the parachute is more, so the air resistance is more**