

## PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	In compound microscope image formed by the eyepiece is	A. Real B. Inverted C. erect D. diminished
2	During an adiabatic gas expansion the environment	A. Serves as a heat sink B. Serves as a heat source C. Must be at a higher temperature than the gas D. Does not have to participate
3	A diverging lens may not have	A. Negative focal length B. Positive focal length C. One plane surface D. One convex surface
4	Temperature changes when two balls collide which one of the following is conserved.	A. Angular momentum B. linear momentum C. Velocity D. Kinetic energy
5	The net charge on a condenser is	A. Zero B. Q/2 C. 2Q D. Infinity
6	Which of the following is not a mode of radioactive decay	A. Nuclear fusion B. Alpha decay C. Electron capture D. Positron emission
7	The internal resistance of a primary cell depends upon the.	A. Current drawn from the cell B. Concentration of the solution C. distance between cell electrodes D. All of the above
8	A Carnot engine can be 100% efficient if the sink is at.	A. 0 K B. 0 °F C. 0 °C D. 273 K
9	The gravitational force between two bodies does not depend upon.	A. The product of their masses B. Their separation C. The sum of their masses D. The constant of gravitation
10	The centre of gravity of an object is also called.	A. Centre of buoyancy B. Centre of mass C. Centre of the body D. Torque
11	The electric heater takes a current of 4 A from a 250 V supply . How long would it take the heater to convert 400,000 J of electric energy.	A. 100 s B. 200 s C. 400 s D. 750 s
12	Which one of the following scientists got Noble prize due to his work of combining two basic forces of nature.	A. Dr. Abdul Qadeer Khan B. Dr. Abdul Salam C. Dr. Muhammad Ishaq D. Dr. Mubarak Munda
13	To get large magnifying power of an astronomical telescope. we should have focal length of eye lens.	A. Small B. Large C. Of any value D. Infinity
14	A rectangular block has length 6 cm, width 5 cm and height 10 cm Its mass is 150 g The density of the block is	A. 0.2 g cm <sup>-3</sup> B. 0.5 g cm <sup>-3</sup> C. 2 g cm <sup>-3</sup> D. 5 g cm <sup>-3</sup>
15	What is the SI unit for thermal conductivity.	A. W m <sup>-1</sup> K <sup>-1</sup> B. W m <sup>-2</sup> K <sup>-2</sup> C. W m <sup>-3</sup> K <sup>-1</sup> D. W m <sup>-2</sup> K <sup>-1</sup>

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16	Which of the following describes that the time interval between two events may be different in different of references	A. Simultaneously B. Time dilation C. Length contraction D. Mass variation
17	Which of the following is the best container for gas during adiabatic process.	A. Copper vessel B. Thermos flask C. Glass container D. Wooden container
18	Fiber optics system can be used for.	A. Word processing B. Image processing and receiving C. Image transmitting D. All of the above
19	Which of the substances is the lightest one.	A. Copper B. Mercury C. Aluminium D. Lead
20	What is the power factors of wattless current.	A. Infinity B. Unity C. 0.5 D. Zero

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