

## PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	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. J kg <sup>-1</sup> k <sup>-1</sup>
2	A force of 100 N acts on body of mass 5 kg for 10 s. The velocity of the body will be.	A. 2 ms <sup>-1</sup> B. 20 m s <sup>-1</sup> C. 200 ms <sup>-1</sup> D. 2.000 m s <sup>-1</sup>
3	In a diffraction pattern, the width of any fringe is.	A. Directly proportional to slit width B. Inversely proportional to slit width C. independent of slit width D. Zero
4	What is the magnifying power of a convex lens of focal length 5 cm.	A. 3 B. 5 C. 6 D. 20
5	The centre of gravity of a cylinder is.	A. At the intersection of medians B. At the centre C. At the middle point of axis D. At the intersection of diagonals
6	A horizontal force of 15 N accelerates a 4 kg object from rest along a horizontal surface at a rate of 3 m s <sup>-2</sup> . At the end of 2 s the object's momentum will be.	A. 12 kg m s <sup>-1</sup> B. 24 kg m s <sup>-1</sup> C. 30 kg m s <sup>-1</sup> D. 45 kg m s <sup>-1</sup>
7	When a tennis ball is hit by a racket in such a way that it spins as well as moves forward the velocity of the air on one side of the ball	A. Increases B. Decreases C. Remain constant D. Become zero
8	X-rays spectrum may be	A. Continuous spectrum B. Discontinuous spectrum C. Line spectrum D. Continuous and line spectrum
9	A steel of which material should be placed between the plates of a parallel plate capacitor in order to increase its capacitance.	A. tin B. Iron C. Copper D. Mica
10	Two uncharged objects A and B are rubbed against each other, when object B is placed near a negatively charged object C the two objects repel each other. Which of these statements is true about object A.	A. It remains uncharged B. It becomes positively charged C. It becomes negatively charged D. It is unpredictable
11	The particles equal in mass or greater than protons are called.	A. Mesons B. Bosons C. Baryons D. Nucleons
12	The perpendicular distance between the line of action of forces and the axis of rotation	A. Torque B. Moment arm C. Moment of force D. Momentum
13	A ball mass 0.25 kg is thrown to a height of 20 m. The change in G.P.E is	A. 49 J B. 50 J C. -75 J D. 500 J
14	A wave reflected from the boundary of a denser medium will have phase change	A. 45 <sup>o</sup> B. 60 <sup>o</sup> C. 90 <sup>o</sup> D. 180 <sup>o</sup>
15	Which of the following phenomenon cannot be understood by quantum theory.	A. Photo electric effect B. Compton effect C. X-Rays production D. Interference

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16	The band width of an audio amplifier is.	A. 10 Hz to 10 kHz B. 20 Hz to 54 Hz C. 20 Hz to 20 kHz D. 20 Hz to 60 kHz
17	The function of collimator in spectrometer is to	A. Disperse the light B. Reflect the light C. Make the light parallel D. Diffract the light
18	Drag force between two layers under consideration depends on	A. Distance between the layers B. Surface area of layers C. Relevant velocity between them D. All of the above
19	The necessary condition for nuclear fusion is.	A. High temperature and high pressure. B. Low temperature and high pressure C. Low temperature and low pressure D. High temperature and low pressure.
20	Which parameter is an indication of colour of a star.	A. Weight B. Distance C. Size D. Temperature

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