

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	The door of an operating refrigerator in a closed room is opened after sometime the temperature of the room will be	A. Lowered B. Raised C. Unaffected D. Become zero
2	What would be the colour of sky in the absence of atmosphere.	A. Blue B. Indigo C. Red D. Black
3	Prof. Abdul Salam was awarded Nobel prize in	A. 1970 B. 1972 C. 1979 D. 1983
4	Which of the following radiations can penetrate 20 cm thick steel.	A. Alpha particles B. Beta particles C. Gamma particles D. Neutrons
5	Which is the thick circular structure in the eye containing an aperture with variable diameter. It controls the amount of light reaching the retina.	A. Retina B. Iris C. Pupil D. Cornea
6	The image formed on the film of a simple camera is.	A. Real inverted and diminished B. Virtual, upright, and diminished C. Virtual, upright and magnified D. Real, inverted and magnified
7	Capacitance is defined as	A. VC B. Q/V C. QV D. V/Q
8	What is the change in path when a sound wave is reflected from a rigid support.	A. $\lambda/2$ B. λ C. 2λ D. Zero
9	Susceptance of a circuit is the reciprocal of.	A. Admittance B. Resistance C. Reactance D. Impedance
10	The heat accepted and rejected by a Carnot engine operating between two heat reservoirs defines.	A. The efficiency of the working substance of the engine B. the ideal gas scale of temperature C. The ratio of the absolute temperature of the reservoirs D. The thermal capacity of the working substance
11	The spacing of electric field lines between two identical point charges of opposite signs	A. Is not an indication of the field direction B. Is not dependent on the magnitude of the charges C. Is an indication of the field strength D. Is large when the charges are very large
12	Radio carbon in the atmosphere is produced by the bombardment of.	A. Oxygen by high energy neutrons B. Oxygen by high energy protons C. Nitrogen by high energy protons D. Nitrogen by high energy neutrons
13	When a helium atom loses an electron it becomes.	A. An alpha particle B. A proton C. A positive helium ion D. A negative helium ion
14	Which of the following gives a discrete emission spectrum.	A. Sun B. Candle C. Incandescent filament D. ...

15	What is the overall gain, if three amplifiers each with a gain of 30 are cascaded.	A. 30 B. 90 C. 270 D. 27,000
16	The Rutherford atom according to classical theory is	A. Stable B. Unstable C. Partially stable D. Quantized
17	Special theory of relativity deals with the events in the frames of reference which move with constant.	A. Time interval B. Acceleration C. Momentum D. space interval
18	In a stationary wave the particle velocity at the node is	A. Zero B. Constant C. Minimum D. Maximum
19	If the specific latent heat of vaporization of oxygen is 214 kJ kg ⁻¹ how much heat will be absorbed when 3.0 kg of oxygen is boiled off at its boiling point.	A. 14 kJ B. 64 k J C. 140 kJ D. 642 k j
20	The continuous x rays spectrum is obtained due to	A. Deceleration of impact electrons B. Breaking potential C. Excitation potential D. Ionization potential