

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	Relative permeability is	A. The ratio of flux density in a material to that for a vacuum B. Very large for paramagnetic materials C. small for paramagnetic materials D. None of these
2	It is sometimes necessary to protect electrical apparatus from magnetic field This can be done by surrounding the apparatus with a box made from.	A. Aluminum B. Iron C. Steel D. Rubber
3	Resonance phenomenon in a vibrating body	A. May increase the amplitude B. May decrease the amplitude C. May not affected the amplitude D. All of the above
4	Which scientist coined the term quantum mechanics.	A. Kari mark B. Max Born C. Erwin schrodinger D. Issac Newton
5	Which of the following should not change in isothermal operation.	A. Heat constant B. Volume C. Pressure D. Temperature
6	Force acting on a test charge between the plates of a parallel plate capacitor is F. If one of the plates is removed teh force on the same test charge will be.	A. Zero B. F/2 C. F D. 2 F
7	A spectroscope sorts out	A. Atoms B. Molecules C. Elements D. Isotopes
8	Which one of the following is diamagnetic	A. Liquid oxygen B. Air C. Water D. Copper sulphate
9	Shadow formation and the pin hole camera illustrate the	A. Phenomenon of reflection B. Phenomenon of refraction C. Phenomenon of total internal reflection D. Rectilinear propagation of light
10	Which of the following thermometers is the most suitable for measuring rapidly varying temperature.	A. Thermocouple thermometer B. Mercury in glass thermometer C. Alcohol in glass thermometer D. Platinum resistance thermometer
11	A number of spherical capacitors of different radii have same potentials The surface charge density on them	A. I equal B. Is proportional to their radii C. Is inversely proportional to their radii D. Is inversely proportional to square of their radii
12	A sound wave is an example of	A. Transverse wave B. longitudinal waves C. Hair wave D. Stationary wave
13	Mass -energy relation means that the product of mass times the square of the speed of light must be equal to.	A. Torque B. Momentum C. Energy D. Impulse
14	Two convex lens focal length 'f' use din combination become telescope. When the distance between them is.	A. 1 B. 4f C. 2f D. f/2

15 Which term is used for the persistence of sound in a hall.

A. Resonance
B. Acoustics
C. Symphony
D. Reverberation

16 The exitance of antiparticle was discovered by

A. Wilson
B. Anderson
C. Dirac
D. Stefen

17 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

18 On which of the following parameters the amount of charge that can be placed on a conductor does not depend on.

A. Its capacitance
B. Its size or shape
C. its potential
D. Dielectric strength of the surrounding medium

19 If the image is virtual then its distance from the lens is taken.

A. Positive
B. Negative
C. Double
D. Half

20 The hyperfine lines in the spectrum relates to

A. Stark effect
B. Zeeman effect
C. Lande's splitting
D. Nuclear magnetic spin
