

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	Which of the following is most suitable for the core of the electromagnetism	A. Air B. Steel C. Su Ni allow D. Soft iron
2	Which of the following is an example of continuous spectra.	A. Black body radiation spectrum B. Molecular spectra C. Atomic spectra D. Grating spectrum
3	A newly prepared radioactive nuclide has a decay constant λ of 10^{-6} s^{-1} What is the approximate half life of the nuclide.	A. 1 hour B. 1 day C. 1 week D. 1 month
4	the gain of an amplifier is independent of	A. The two externally connected resistances B. What is happening inside the amplifier C. Internal structure of the amplifier D. All of the above
5	All particles, of a wave front vibrate	A. In same phase B. In opposite phase C. Upward down D. Left and right
6	An example of simple harmonic motion is	A. Fast moving cricket ball B. Motion of bicycle C. Motion of a bee D. Motion of simple pendulum
7	The equation of parabola is.	A. $y = bx - ax^2$ B. $x = by - ay^2$ C. $y = ax + bx^2$ D. $x = a - by^2$
8	The reciprocal of decay constant λ of a radioactive element is.	A. Half life B. Mean life C. Total life D. Curie
9	Current in an electrolyte is carried by.	A. Electron only B. Anions only C. Cations only D. Mesons only
10	The fundamental frequency of a sound source is 256 Hz. What is the frequency of the first harmonic.	A. 64 B. 128 C. 256 D. 512
11	Two pure inductors each of self inductance L are connected in parallel The total inductance of the combination is.	A. L B. 2L C. $L/2$ D. $L/4$
12	The combined resistance of two identical resistors, connected in series is 18 Mega Their combined resistance in a parallel arrangement will be.	A. 2 Mega B. 4 Mega C. 8 Mega D. 12 Mega
13	In the magnetic circuit concept the quantity analogous to electric current in electric circuit analysis is.	A. Magnetic flux density B. Permeability C. Magnetic field intensity D. Magnetic flux
14	X-rays are a part of electromagnetic spectrum and are characterized by frequencies higher than those of.	A. Infrared radiation B. Ultraviolet radiation C. Far ultraviolet radiation D. Far infrared radiation
		A. Infrared

15	Which of the following radiations will burn human skin	B. Ultraviolet C. X rays D. Alpha particles
16	The special theory of relativity was presented by	A. Albert Einstein B. Newton C. Maxwell D. Planck
17	Which one of the following pairs does not have the same dimensions.	A. Force and weight B. Pressure and stress C. Capacitance and resistance D. Energy and work
18	What is the degree of magnetization of a material.	A. Susceptibility B. Ability C. Retentivity D. Capacity
19	An emitter follower has	A. High input impedance and high output impedance B. High input impedance and low output impedance C. Low input impedance and low output impedance D. Low input impedance and high output impedance
20	At high altitudes, the blood flows out of nose and ear because.	A. Blood pressure increase at high altitudes B. Percentage of oxygen in the air increase C. Atmospheric pressure decreases there D. Density of blood decreases of high altitudes