

## PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	The number of electrons in U nucleus are.	A. 92 B. 235 C. zero D. 143
2	When an electron and a positron are annihilated, then number of protons produced is.	A. 1 B. 2 C. 3 D. 4
3	If length of second pendulum becomes four times than its time period will become	A. Two times B. Four times C. Six times D. Eight times
4	The dimensions of viscosity are	A. $[\text{MLT}^{-1}]$ B. $[\text{MT}^{-2}]$ C. $[\text{ML}^{-1}\text{T}^{-1}]$ D. $[\text{ML}^2\text{T}^{-1}]$
5	In an oscillating system damping means reduction in	A. Frequency B. Wavelength C. Amplitude D. Period
6	The ratio between the energy dissipated in some process and the heat that appears as a result is the	A. Specific heat B. Mechanical equivalent of heat C. Kilocalories D. Triple point
7	Conventionally antilock wise torque is taken as.	A. Zero B. Positive C. Infinity D. Negative
8	X-rays are similar in nature to.	A. Alpha particles B. Beta particles C. Gamma rays D. Photons
9	Which quantity decay exponentially when a capacitors is discharged.	A. Charge only B. Charge and voltage only C. Charge and current only D. Charge voltage and current
10	The vertical component of earth's magnetic field is zero.	A. At magnetic poles B. At geographical poles C. At magnetic equator D. Everywhere
11	the ratio of applied stress to volumetric strain is called.	A. shear modulus B. Bulk modulus C. Young's modulus D. elastic limit
12	Which of the following is a non conservative force.	A. Gravitational force B. Air resistance C. Elastic force D. Tension in a string
13	How many types of quarks were suggested in 1964 quark theory.	A. Two B. Three C. Four D. Five
14	The power dissipation in a pure inductive or capacitive circuit is.	A. Maximum B. Minimum C. Zero D. Infinity
15	In which device is a permanent magnet used	A. An electric bell B. An electromagnet C. A plotting compass D. A relay

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16 Who developed the first atomic reactor.

A. Bohr  
B. Fermi  
C. Rutherford  
D. Taylor

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17 The energy stored per unit volume inside the solenoid is called.

A. Energy density  
B. Mass density  
C. Charge density  
D. Volume density

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18 The material of an electromagnet should have high

A. Permeability  
B. susceptibility  
C. Retentivity  
D. Hysteresis loss

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19 During transition, atom cannot emit

A. Visible light  
B. Ultraviolet radiation  
C. Infrared radiations  
D. gama rays

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20 The moment of linear momentum is equal to

A. Implies  
B. Torque  
C. Angular momentum  
D. Couple

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