

## PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	The study of atomic structure of crystals by x rays was initiated by.	A. Mosely B. Young C. Huygen D. Bragg
2	The phenomenon of exactly zero electrical resistance occurring in certain materials below a characteristics temperature is called.	A. Resistivity B. Conductivity C. Super conductivity D. Volume resistivity
3	Thermocouple is combination of.	A. Thermocouples B. Capacitors in parallel C. Resistors in series D. Ammeter and voltmeter
4	What is the effect on the product of resistivity and conductivity if the temperature of a conductor is increased.	A. It decreases B. It increases C. It remains the same D. It may increase or decrease
5	the ratio of applied stress to volumetric strain is called.	A. shear modulus B. Bulk modulus C. Young's modulus D. elastic limit
6	Current in an electrolyte is carried by.	A. Electron only B. Anions only C. Cations only D. Mesons only
7	The specific heat of all gases increases with temperature at high temperature decreases at low temperature expectation is	A. Oxygen gas B. Nitrogen gas C. Mono atomic gas D. Dia atomic gas
8	The unit of intensity of sound waves is.	A. W m <sup>-1</sup> B. W m <sup>-2</sup> C. N m <sup>-1</sup> D. N m <sup>-2</sup>
9	In an A.C. circuit the current.	A. Is in phase with voltage B. Leads the voltage C. Lags the voltage D. Any of these depending upon the circumstances
10	Which one of the following is not true.	A. velocity can be negative B. velocity is a vector C. Speed is a scalar D. Speed can be negative
11	Which of the following is a transverse wave.	A. Sound wave B. Shock wave C. Hair wave D. Radiowave
12	The note of the lowest frequency is called	A. beat B. Overtone C. Fundamental note D. Harmonic note
13	Radioactive substances do not emit	A. Alpha particles B. Beta particles C. Gamma rays D. Neutrons
14	The scientist who first noted that a compass needle was deflected when in the neighborhood of a current carrying wire was.	A. Joseph Henry B. Hans Christian Oersted C. Michael Faraday D. J.J. Thomson
15	Candela is the SI base unit of.	A. illuminance B. Luminous flux C. Luminous intensity D. Luminous energy

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16 The typical value of forbidden energy gap in germinium is.

A. 0.7 eV  
B. 1.0 eV  
C. 1.4 eV  
D. 10 eV

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17 A man in an elevator descending with an acceleration will conclude that his weight has

A. Increased  
B. Decreased  
C. Constant value  
D. Zero value

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18 The pressure of a goas is directly proportion to

A. Mean velocity of the molecules  
B. Mean square velocity of the molecules  
C. Root mean square velocity of the molecules  
D. Instantaneous velocity of the molecules

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19 An object travels at constant speed around a circle of radius 1.0 m in 1.0 s the magnitude of its acceleration is.

A. zero  
B.  $1.0 \text{ m s}^{-2}$   
C.  $2 \text{ m s}^{-2}$   
D.  $4 \pi^2 \text{ m s}^{-2}$

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20 A solid state detector is basically

A. A reverse biased p-n junction  
B. A forward biased p-n junction  
C. A p-n -p transistor  
D. A n-p-n transistor

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