

## PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	A darling ion amplifier is characterized by	A. High voltage and current gain B. High input resistance and current gain C. High output resistant and current gain D. Low input resistance and current gain
2	The ration of intensity of magnetization to the magnetic force is known as.	A. Parmeability B. Magnetic induction C. Magnetic intensity D. Magnetic susceptibility
3	Which of the following materials has highest magnetic susceptibility.	A. Uranium B. aluminium C. Platinum D. Sodium
4	The doped semi conductor materials are called	A. Pure semi conductors B. Poor semi conductors C. Super conductors D. Extrinsic semiconductors
5	What is term for tendency of a system to oscillate with larger amplitude at some frequencies than at others.	A. Resonance B. Impedance C. Inductance D. Capacitance
6	A freshly made sample of radioactive material gives a count rate of 8,000 counts per minute After twenty days it gives a count rate of 500 counts per minute What is the half life of the materials.	A. 5 days B. 10 days C. 40 days D. 20 days
7	The electrons behave as waves, because they can .	A. Produce ions in gases B. Diffracted by a crystal C. Be deflected by electric fields D. Be deflected by magnetic fields
8	To reduce spherical aberration in optical instruments which of the following should be used.	A. Plano convex lenses B. Concave lenses C. Spherical mirrors D. Plane mirrors
9	Which one of the following gases posses maximum oot mean square velocity.	A. Hydrogen B. Oxygen C. Nitrogen D. Carbon dioxide
10	The mass of proton is equal to.	A. $1.673 \times 10^{-27}$ kg B. $1.673 \times 10^{-27}$ kg C. $9.1 \times 10^{-31}$ kg D. $9.1 \times 10^{-31}$ kg
11	Which type of radiation would be stopped completely by a thin piece of cardboard.	A. Alpha particles B. Beta particles C. Gama rays D. X-rays
12	An other name for electric P.E per unit charge is.	A. Electric intensity B. Electric field C. Electric potential D. Electric force
13	A fixed mass of an ideal gas absorbs 1000 J of heat and expands under a constant pressure of 20 kPa from a volume of $25 \times 10^{-3}$ m <sup>3</sup> to a volume $50 \times 10^{-3}$ The change internal energy of the gas is.	A. 500 J B. 1000 J C. -1000 J D. Zero
14	The energy stored per unit volume inside the solenoid is called.	A. Energy density B. Mass density C. Charge density D. Volume density

15	Which one of the following gates is a universal gate.	B. AND C. NOT D. NAND
16	The product of two non zero numbers is.	A. A vector quantity B. A unit vector C. Always zero D. Never equal to zero
17	The circular motion of a particle with constant speed is.	A. Periodic and SHM B. Periodic but not SHM C. SHM and not periodic D. Neither periodic nor SHM
18	The spectrum of radiation due to transitions between energy levels in an atom, other absorption or emission is called.	A. Atomic spectrum B. Molecular spectrum C. Grating spectrum D. Normal spectrum
19	Mosley's law establishes the X-rays fluorescence of target element with is.	A. Atomic weight B. Atomic number C. Density D. Lattice constant
20	The process due to which current flows only during alternate half cycle is known as.	A. Filtration B. saturation C. Half wave rectification D. Full wave rectification