

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	Electric Heater operates on the principle of.	A. electromagnetism B. Electromagnetic induction C. Electrolysis D. Momentum
2	An object is placed at the focus of a diverging lens The image is located at	A. The focus B. 2 F C. Infinity D. Half away between the lens and the focus
3	The splitting of atomic energy levels and the associated spectrum lines when the atoms are placed in a magnetic field is called.	A. The photoelectric effect B. The zeeman effect C. The Compton effect D. Quantum effect
4	According to kinetic energy of gases one assumes that the collisions between the molecules are.	A. Perfectly elastic B. Perfectly inelastic C. Partly elastic D. Partly inelastic
5	If the dot product of two non zero vectors vanishes the vectors will be.	A. any scalar quantity B. Any negative number C. Its magnitude but not direction D. Its magnitude and direction
6	What is shapes of a pure note	A. Sinwave B. Sawtooth C. Square wave D. Triangular wave
7	Who discovered neutron in 1932.	A. Chadwick B. Bohr C. Rutherford D. Fermi
8	What is the relativistic version of the Schrodinger equation.	A. Klein Gordon equation B. Laplace equation C. Quadratic equation D. Binomial equation.
9	Which pair of the following forces has a resultant force of 2 N.	A. 1 N and 1 N B. 1 N and 3 N C. 1 N and 2 N D. 2 N and 2 N
10	Positive electric charge is the type of charge found on a rod which has been rubbed with silk and which is made of.	A. rubber B. Glass C. Steel D. Cork
11	The unit of magnetic induction is.	A. weber -metre B. weber -metre 2 C. weber-meter-2 D. weber-metre-1
12	The relation between work function and maximum energy of photo electrons was discovered by.	A. Stefan B. Marely C. Einstein D. Max. Planck
13	The SI unit of torque.	A. kg m2 B. kg ms-2 C. kg m2 s-2 D. kg ms -1
14	A radiation spectrum which is continuously distributed over a frequency region without being broken up into lines or bands is known as.	A. Continuous spectrum B. Band spectrum C. discrete spectra D. Absorption spectrum
15	A factory buy 100 g of a radioactive chemical with a half life of 5 years which decays to a stable compound How much of the chemical will still be radioactive 10 years time.	A. 25 g B. 50 g C. 75 g D. 100 g

D. 100 g

16 The resistance of a capacitor when it is connected with a battery is.

- A. Zero
- B. Finite
- C. Infinite
- D. The same

17 Which are different types of emission spectrum

- A. Continues spectrum
- B. Line spectrum
- C. Band spectrum
- D. all of the above

18 Angular moment is conserved due to

- A. Variable force
- B. Constant force
- C. Central force
- D. Uniform force

19 The relation between the voltage and current that flows in a resistor is.

- A. $V = 1/R$
- B. $R = vi$
- C. $V = I^2 R$
- D. $I = V/R$

20 The proportion of crystalline to amorphous regions in a polymer depends on its

- A. Chemical composition
- B. Molecular arrangement
- C. Physical state
- D. Chemical composition and molecular arrangement