

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	A light beam is said to be plane polarized when	A. its vibrations are restricted to only one plane B. Its vibrations are very strong in one plane C. Its vibrations take place in any plane D. Its vibrations are very weak in one plane
2	The average energy released per fission of U is about	A. 200 eV B. 2 keV C. 2 MeV D. 200 MeV
3	A wire surrounded by a concentric cylindrical metal shield constitutes a.	A. Spherical capacitor B. Parallel plate capacitor C. Cylindrical capacitor D. Cylindrical condenser
4	Which of the following forms of electromagnetic energy has the longest wavelength.	A. Microwaves B. Radio waves C. Infrared waves D. ^{Visible light}
5	An object is placed at the centre of curvature of a concave mirror. The image produced by the mirror is located.	A. Out beyond the centre of curvature B. At the centre of curvature C. Between the centre of curvature and the focal point D. At the focal point
6	When the angle of incidence becomes larger than the critical angle no refraction occurs. This is known as.	A. Diffraction B. Refraction C. Total internal reflection D. Diffuse reflection
7	The phenomenon of interference comes about because waves obey	A. the impulse momentum theorem B. An inverse square law of intensity C. The principle of reciprocity D. The principle of superposition
8	Which of the following statements is wrong.	A. Charge is quantized B. Charge is conserved C. There is no field near an isolated charge at rest D. A moving charge produces both electric and magnetic field.
9	A charged capacitor has charge on its	A. Outside surface B. Inner surface C. Surroundings D. Mid point
10	Which one among these contacts in a transistor is non rectifying.	A. Base B. Emitter C. Collector D. None of these
11	Which configuration is used to connect high impedance source to a low impedance load.	A. CE B. CB C. CC D. BE
12	In the experiment of force on a current carrying conductor in a uniform magnetic field the magnitude of force depends upon which factor.	A. Force is inversely proportional to current B. Force is directly proportional to current C. Force is inversely proportional to voltage D. Force is directly proportional to voltage
13	In modulation, low frequency signal is called	A. Fluctuated signal B. Loaded signal C. Modulated signal

14	Angular momentum of a body under a central force is	A. Zero B. Maximum C. Minimum D. Constant
15	Radius of the Bohr's orbit is r the radius of second orbit will be.	A. $2r$ B. $3r$ C. $4r$ D. $8r$
16	Which of the following phenomenon cannot be understood by quantum theory.	A. Photo electric effect B. Compton effect C. X-Rays production D. Interference
17	Which given material is the best for making connecting wires	A. Nichrome B. Iron C. Gold D. Copper
18	Woolen clothing is effective in keeping us warm because.	A. Air trapped in the wool acts as an insulator B. Heat loss by convection and radiation is prevented C. Wool is a bad conductor and good absorber of heat D. Wool can retain high temperatures
19	A device used to measure the strain of an object and it is a type of resistor that changes value with applied strain is a	A. thermistor B. Strain gauge C. Thermocouple D. Potentiometer
20	Which material has the largest resistivity.	A. Silver B. Germanium C. Amber D. Sulphur
