

## PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	In half wave rectifier the rms value of A.C. component of the wave is.	A. More than A.C. Value B. Less than D.C. value C. Same as that of D.C. D. Not detectable
2	Shadow formation and the pin hole camera illustrate the	A. Phenomenon of reflection     B. Phenomenon of refraction     C. Phenomenon of total internal reflection     D. Rectilinear propagation of light
3	The process in which a system undergoes a change of state at constant volume.	A. Isobaric process B. Isochoric process C. Isothermal process D. Adiabatic process
4	For an A.C. circuit the power factor is	A. Always les than one B. Always greater than one C. Always equal to one D. Absent
5	A sound wave is an example of	A. Transverse wave B. longitudinal waves C. Hair wave D. Stationary wave
6	The gama rays have	A. Thin tracks B. Thick tracks C. No definite tracks D. Continuous tracks
7	A negative magnification always means the the image is.	A. Erect B. Real C. Virtual D. Inverted
8	If we place oure hand below a lighted lamp we feel warmer due to.	A. Conduction B. Convection C. Radiation D. None of these
9	Plane polarized light can be produce dby	A. Simple reflection B. Double refrraction C. Scattering of light D. All of these
10	A particle executing simple harmonic oscillations of frequency 100 Hz has an amplitude of 0.1 cm The velocity amplitude of the particleis.	A. 20 micro cm s-1 B. 10 micro cm s-1 C. 20 cm s-1 D. 19 cm s-1
11	Stationary waves are produced when two identical waves are moving on the string.	A. Along the same direction B. Along the opposite direction C. Along the perpendicular direction D. Of length 1 m
12	If the temperature of the source and sink are increased by same amount the efficiency of the engine.	A. Increases B. Decreases C. Remains unchanged D. May increases of decrease
13	Which of the following wavelength lies in X-rays region.	A. 1 A B. 100 A C. 1,000 A D. 10,000 A
14	If D1 and D2 are the powers of two lenses placed in contact then the power of the combination will be.	A. D1+D2 B. D1-D2 C. D1/D2 D. D1 x D2
15	In a spectrometer experiment monochromatic light is incident normally on a diffraction gratin having $4.5 \times 10^5$ lines per metre The second order line is seen at an angle of 30 $^{\rm o}$ to The normal What is the wavelength of the light	A. 430 nm B. 556 nm C. 589 nm

	normal triacio dio natolongal oi dio ligit.	D. 625 nm
16	A vacuum diode conducts when plate	A. Is negative w.r.t cathode B. Is positive w.r.t. cathode C. and cathode are at the same potential D. Resistance is less
17	Simple harmonic motion is a type of	A. rectilinear motion B. Circular motion C. Rotational motion D. Zig Zag motion
18	Which of the following phenomenon is explained by the tunnel efffect.	A. Alpha decay B. Beta decay C. Gama decay D. Radioactivity
19	Which type of image is produced by the converging lens of human eye if it views a distant object.	A. <div>Real, erect, same size</div> B. <div>Real, inverted, diminished</div> C. Virtual, erect, diminshed D. Virtual, inverted, magnified
20	When a dielectric material is placed in an electric field it	A. Conducts     B. Exhibits an electrical discharge     C. Become polarized     D. Undergoes electrolysis