

## PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	In any collision between two bodies there need nor the conservation of	A. Linear momentum B. Angular momentum C. Total energy D. Kinetic energy
2	the depth of a pond is 4 m What is the apparent depth of the pond if the water level is 3.5 m high. The refractive index of water is 1.33	A. 1.9 m B. 2.3 m C. 3.13 m D. 4.5 m
3	The terminal velocity in case of spherical droplet is directly proportional to.	A. Square of the radius of the droplet B. Radius of the droplet C. Cube of the radius of the droplet D. Half of the Radius of the droplet half
4	The gas temperature is increased from 27 °C to 127 °C What is the ratio of mean kinetic energies.	A. 3/4 B. 4/3 C. 9/10 D. 10/9
5	When a beta particle travels though a medium it knocks out electrons from the atoms due to.	A. Gravitational force of attraction B. Electrostatic force of repulsion C. Nuclear force D. Electromagnetic induction
6	The advantage of electron tube over semiconductor is.	A. <sub>its efficiency</sub> B. its unlimited type C. Its low consumption power D. That it takes no warming up time
7	The change in wavelength of an X-ray when scattered from an electron is called.	A. Compton shift B. Doppler shift C. Stefan's law D. Fraunhofer lines
8	A monochromatic light beam when passed through a prism is.	A. Diffracted B. Deviated C. Polarized D. Dispersed
9	The normal adjustment the magnifying power of an astronomical telescope is.	A. $f_e/f_o$ B. $f_o/f_e$ C. $f_o + f_e$ D. $f_o - f_e$
10	The phenomenon of polarization is done by	A. Selective absorption B. Scattering of light C. Refraction of light D. Dispersion of light
11	The resolving power of an instrument increases as the wavelength of light used decreases, the magnifying power will	A. Remain the same B. Increases C. Decreases D. Have no relation between the two
12	Ionization of a hydrogen atom originally in its ground state takes a minimum out of energy equal to.	A. 2.4 J B. 4.2 J C. 12.3 eV D. 13.6 eV
13	Which of the following is an electrostatic generator.	A. Winshurst machines B. Van de Graff generator C. Electrophorus D. All of the above
14	Which of these is not a method of charging.	A. Friction or rubbing B. Induction C. Contact or touching D. Convection
15	An object is -14 cm in front of a convex mirror The image 5.8 cm behind the mirror. What is the focal length of the mirror.	A. -4.1 cm B. -8.2 cm C. -9.9 cm D. -22 cm

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16 When forwarded bias is applied to a junction diode it.

A. Increases the potential barrier  
B. Decreases the potential barrier  
C. Reduces the majority carrier current to zero  
D. Reduces the minority carrier current to zero

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17 Which of the following thermometers is the most suitable for measuring rapidly varying temperature.

A. Thermocouple thermometer  
B. Mercury in glass thermometer  
C. Alcohol in glass thermometer  
D. Platinum resistance thermometer

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18 For which position, will the maximum blood pressure in the body have the smallest value.

A. Standing up right  
B. Sitting relaxed  
C. Lying horizontally  
D. Standing on one's head

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19 Viscosity in fluid refers to

A. The density of a fluid  
B. the compressibility of a fluid  
C. Tangential force exerted on solid surface by the flowing fluid  
D. Normal forces exerted on solid surface by the flowing fluid

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20 An example of simple harmonic motion is

A. Fast moving cricket ball  
B. Motion of bicycle  
C. Motion of a bee  
D. Motion of simple pendulum