

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	Transistor stands for	A. Transfer of resistance B. Transfer of current C. Transfer of power D. Transfer of voltage
2	Which term is used for human eye defect near sightedness.	A. Myopia B. Hypermetropia C. Presbyopia D. Cataract
3	If the specific latent heat of vaporization of oxygen is 214 kJ kg^{-1} how much heat will be absorbed when 3.0 kg of oxygen is boiled off at its boiling point.	A. 14 kJ B. 64 kJ C. 140 kJ D. 642 kJ
4	X-rays are	A. Longitudinal wave B. Transverse waves C. Secondary waves D. Fast sound waves
5	Magnetic moment is a	A. Scalar B. Vector C. Phasor D. Tensor
6	The near point of a person is 50 cm and his far point is 200 cm The power of the lenses which his spectacles should have to see clearly distant objects will be.	A. -0.5 D B. -10 d C. -1.5 D D. -2.0 D
7	A girl standing 150 m in front of tall building fires a pistol A boy standing 350 m behind her hears two bangs 1 s apart from this information what is the speed of sound in air.	A. 150 m s^{-1} B. 300 m s^{-1} C. 280 m s^{-1} D. 330 m s^{-1}
8	The speed of bodies exceeding the speed of sound is called.	A. Supersonic B. Ultrasonic C. Infrasonic D. Super fast
9	Which uranium isotope having the atomic weights as given below is easily fissionable.	A. 234 B. 235 C. 236 D. 238
10	Telecommunication by Optical fibers is done by	A. Single mode step index fibre B. Multimode step index fibre C. Multimode graded index fibre D. All of the above
11	The dimensions of torque are.	A. $[MLT^{-2}]$ B. $[ML^{-1}T^{-1}]$ C. $[ML^2T^{-2}]$ D. $[ML^{-2}]$
12	Radioactivity is the phenomenon associated with the.	A. Transition of radiowaves B. production of alpha particles only C. Decay of nucleus D. Reception of radio waves
13	Which term best describes the nature of light from modern view point.	A. Waves B. Rays C. Particles D. Photons
14	The magnetic field inside a solenoid is	A. Zero B. Infinite C. Uniform D. Non uniform
15	A system of the equal and opposite point charges separated by a small distance is called.	A. A capacitor B. A dipole C. An inductor D. A dielectric

16 A voltmeter is a

A. High resistance galvanometer
B. Low resistance galvanometer
C. Zero resistance galvanometer
D. Infinite resistance galvanometer

17 A relationship between mechanical work and heat energy was firstly established by.

A. Davy
B. Count Rumford
C. Joule
D. Kelvin

18 The angle of incidence that causes the refracted ray in the rarer medium to bend through 90° is called.

A. Critical angle
B. solid angle
C. Plane angle
D. Acute angle

19 How eddy current losses are reduced in A F and R F transformers.

A. By using air cores
B. By using shell cores
C. By using laminated cores
D. By using ferrite cores

20 Which of the following is the cause of failure of a lens to form a sharp and distinct image of a white object.

A. Spherical aberration
B. Chromatic aberration
C. Distortion
D. Astigmatism
