

## PPSC Physics Mcq's For Full Book

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Sr	Questions	Answers Choice
1	It is possible is distinguish between transvers and longitudinal waves from the property of.	A. Refraction B. Interference C. Diffraction D. Polarization
2	A hydrometer floats to a particular level in sea water in fresh water it.	A. Floats lower B. Sinks completely C. Floats higher D. Floats at the same level
3	When two identical waves are superimposed the velocity of the reasultant wave.	A. Increases B. Decreases C. Become zero D. Remain unchanged
4	When a tennis balls is hit by a racket inasmuch a way that it spins as well as moves forward the velocity of the air on one side of the ball	A. Increases B. Decreases C. Remain constant D. Become zero
5	The input exultation for a JFET is	A. Current signal     B. Voltage signal     C. Voltage and current signals     D. Neither voltage nor current signal
6	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
7	When a ray light is incident at anacute angle to the boundary of the media the refracted ray.	A. Bends away from the normal     B. Bends towards the normal     C. Remains undedicated     D. Is totally reflected
8	On which of the following parameters the amount of charge that can be placed on a conductor does not depend on.	A. Its capacitance     B. Its size or shape     C. its potential     D. Dielectric strength of the surrounding medium
9	When the deforming force applied on a body produces change in length then it is said to be	A. Tensile stress B. compression stress C. Shear stress D. Shear modulus
10	In which of the following studies x-rays are not helpful.	A. Crystal structure B. Crystal surface C. Crystal symmetry D. Crystal atoms
11	Which of the following should not change in isothermal operation.	A. Heat constant B. Volume C. Pressure D. Temperature
12	Sounds of frequencies higher than 20,000 Hz are called.	A. Super sonics B. Infrasonic C. Ultrasounds D. Audible sound waves
13	A cup of coffee at 80 $^{\rm O}$ C is left to cool to 30 oc if the heat capacity of the cup and coffee is 2.0 kJ k-1 how much heat is released during the cooling.	A. 0.04 kJ B. 100 KJ C. 60 kJ D. 160 kJ
14	The variation of focal length of a lens when we pass from the central portion to periphery is called.	A. Coma B. Astigmatism C. Spherical aberration D. Chromatic aberration
15	The effective resistance offered by the resistance capacitance and inductance in an A.C. circuit is known as	A. Impedance B. Resistance C. Capacitance

		D. <div>Reactance</div>
16	The air plane lift is based on	A. Archimedes principle B. Law of conservation of momentum C. Bernoulli's principle D. Law of conservation of energy
17	The energy equivalent of 1 kg of matter a	A. 10 <sup>-15</sup> J B. 1 J C. 10 <sup>12</sup> J D. 10 <sup>17</sup> J
18	During the alpha decay process	A. A neutron is emitted B. a electron is emitted C. A helium core is emitted D. A proton core is emitted
19	Which vector gives the displacement from one point another in space.	A. Null vector B. Position vector C. Unit vector D. Distance vector
20	The aberration in the image formed by a lens due to different wavelengths present in a source is called.	A. Spherical aberration     B. Chromatic aberration     C. Astigmation     D. Achromatic aberration