

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	An object falls freely under gravity the vertical equilibrium of the body inside is	A. Stable B. Unstable C. Neutral D. Unknown
2	The emission of electrons from a metal surface when exposed to light of suitable frequency is called.	A. Pair production B. Compton effect C. Photo electric effect D. Zeeman effect
3	The power dissipation in a pure inductive or capacitive circuit is.	A. Maximum B. Minimum C. Zero D. Infinity
4	The magnitude of resultant of three force is 3. If its x-component is 2, Y component is 1. Its 2-component will be.	A. 1 B. 2 C. 3 D. 4
5	Absolute P.E. of a body can be calculated	A. At centre of the earth B. Below centre of the earth C. From surface of the earth D. Below surface of the earth
6	Reversible alternation of the form of dimensions of a solid body under stress and strain is called.	A. elastic limit B. Plastic limit C. elastic deformation D. Plastic deformation
7	The design of an airfoil uses	A. Archimedes principle B. Bernoulli's principle C. Pascal law D. Hooke's law
8	Which of the following material could be used for a high vacuum, high voltage tube.	A. Thoriated tungsten B. Tungsten C. Copper D. Cesium
9	An oscillator is basically an amplifier with loop gain	A. Zero B. Less than unity C. More than unity D. Infinity
10	In comparison with the electrostatic force between two electrons the electrostatic force between two protons is.	A. Zero B. Smaller C. Greater D. Same
11	An ice making machine extracts energy at the rate of 500 W The specific latent heat of fusion of ice is 300 kJ kg ⁻¹ . How long does it take to freeze 2 kg of water at 0 °C.	A. 120 s B. 150 s C. 1200 s D. 1500 s
12	Which of the following wavelength lies in X-rays region.	A. 1 Å B. 100 Å C. 1,000 Å D. 10,000 Å
13	A convection current is the movement of fluid caused by the change in.	A. Pressure B. Temperature C. Densities D. Volume
14	If an object moves with velocity of light the apparent length of the object moving the direction of motion becomes.	A. Larger B. Smaller C. Zero D. Infinity
15	The pulsating outflow of blood from the heart by alternate systole and diastole is smoothed out by	A. The blocking action of the heart's valves B. The viscosity of the blood C. The effect of gravity D. The elasticity of the blood vessels

16	The decay to form other nuclides by emitting particles and electromagnetic radiations by unstable nuclides is called.	A. Nuclear stability B. Radioactivity C. Carbon dating D. Spontaneously
17	the alpha particle does not travel for enough in air.	A. Due to its intense ionization B. Due to its large mass C. Due to its high charge D. Due to its High Ionization
18	What is the basic advantage of class A operation of an amplifier.	A. It has high efficiency B. It has high gain C. It has low distortion D. It has high distortion
19	If a wave vibrate 10 times in 1 s with a speed of 10 m s ⁻¹ the correct wavelength of the wave is.	A. 1 m B. 10 m C. 20 m D. 100 m
20	Michelson's interferometer was devised in.	A. 1801 B. 1825 C. 1867 D. 1881