

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	Acceleration due to gravity is not affected by which one of the following	A. Latitude B. Attitude C. Longitude D. Depth
2	A terrestrial telescope produces	A. An erect and real image B. An inverted and real image C. An inverted and virtual image D. An erect and virtual image
3	Which of the following is its own anti particle.	A. Photon B. Electron C. Proton D. positron
4	In the equation $P = IV \cos \Theta$ $\cos \Theta$ is known as	A. Phase angle B. Limiting angle C. Phase D. Power factor
5	It is possible to distinguish between transverse and longitudinal waves from the property of.	A. Refraction B. Interference C. Diffraction D. Polarization
6	Angular simple harmonic motion is.	A. Periodic rectilinear motion B. Independent of any applied torque C. Periodic rotational motion D. Never defined
7	On which of the following parameters capacitance does not depend upon.	A. Area of the plates B. Medium between the plates C. Distance between the plates D. Nature of material for plates
8	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
9	The process of converting A.C and D.C. is known as	A. Amplification B. _{Filtration} C. Rectification D. Saturation
10	A 100 kg box is pulled 10 m across a frictionless horizontal surface by a 50 N force. The change in the P.E. of the box is	A. 0 J B. 2 J C. 20 J D. 50 J
11	Which law states that an induced current is always in such a direction as to oppose the motion or change causing it.	A. Ampere's law B. Gauss's law C. Lenz's law D. Kirchoff's law
12	The chemical behavior of an atom is determined by	A. Mass number B. Number of isotopes C. Atomic number D. Binding energy
13	Which of the following are defects of lenses.	A. Chromatic aberration B. Spherical aberration C. Astigmatism D. All of the above
14	What is the range of values of power factor.	A. 0 to -1 B. 0 to +1 C. 0 to 2 D. 2 to 3
15	An instrument which can float in the liquid to be tested and by means of which the specific gravity of the liquid may be determined is.	A. Hydrometer B. Barometer C. Siphon

16 A ball is thrown straight up What is its acceleration just before it reaches the highest point.
A. Zero
B. slightly less than g
C. Exactly g
D. Slightly greater than g

17 At room temperature the p.d. between the two sides of depletion region for germanium is of the order of.
A. 0.3 V
B. 0.5 V
C. 0.7 V
D. 0.9 V

18 Which of the following are examples of transverse and a longitudinal wave.
A. Radio and sound waves
B. Radio and light waves
C. Light and water ripples
D. Light and sound waves

19 Which is the heat transfer mode between an object and its environment due to circular fluid motion.
A. Conduction
B. Convection
C. Radiation
D. Mass transfer

20 Doppler's effect can be applied to.
A. Light wave only
B. sound wave only
C. Both light waves and sound waves
D. Study various features of a wave
