

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	Minor losses through values, fittings, bends etc are modeled as proportional to	A. Velocity head B. Static head C. total head D. Pressure drop
2	The surface of a liquid is somewhat similar to a stretched membrane because.	A. There is an elastic stress in the surface B. Tension in the surface increases if the area is increased C. The surface has a natural tendency to contract D. Ripples can be produced on the surface
3	Two waves of the same frequency and amplitude travelling in opposites directions along the same path in the same medium produce.	A. Stationary waves B. Transverse wave C. Longitudinal waves D. Compressional waves
4	A diatomic gas contains only	A. Translational K.E. B. Rotational K.E. C. Vibrational K.E. D. All of these
5	The venturimeter is an instrument used for measuring the	A. Viscosity of a liquid B. Flow speed of a liquid C. Compressibility of a fluid D. Specific gravity of a liquid
6	A body travels with a speed greater than the speed of sound What would be the wave front shape.	A. Ellipitical B. Spherical C. Conical D. Parabolical
7	The maximum stress a solid material can sustain with out undergoing permanent deformation is called.	A. elastic limit B. Plastic C. elastic deformation D. Plastic deformation
8	Larger the diameter of the objective of a telescope.	A. Greater is its resolving power B. Lesser is its resolving power C. Lesser is its magnifying power D. greater is its magnifying power
9	An object falls freely under gravity the vertical equilibrium of the body inside is	A. Stable B. Unstable C. Neutral D. Unknown
10	The scientific theory concerning the coming into existence of universe.	A. Cosmology B. Cosmogony C. Cosmography D. Cosmos
11	Potential of earth's surface is.	A. Negative B. Positive C. Zero D. Infinite
12	Acceleration due to gravity is not affected by which one of the following	A. Latitude B. Attitude C. Longitude D. Depth
13	In a resistor, when base width decreases with increasing Vbc, this phenomenon is called.	A. Tunneling B. Thermal runway C. Pinch off D. Early effect
14	Cs - 137 is a radioisotope used ot determine the thickness of the walls of steel pipes Cs 137 is chosen because it emits	A. Radiowaves B. Alpha particles C. Beta particles D. gama particles

15	Which one of the following is a neutron absorber	A. Pb B. Cd C. Cu D. Ag
16	Which term given below refers to the concept moving clocks run slower than clocks at rest w.r.t an observer.	A. Simultaneously B. Mass variation C. time dilation D. Length contraction
17	Where is the velocity of electrons maximum in a diode.	 A. Near the cathode B. Near the anode C. In the space ini between the two elecrode. D. It is same throughout the tube
18	The energy delivered to the tissue per unit mass is called the absorbed dose of.	A. X rays B. gama rays C. Radiation D. energy
19	Which of the following is an example band spectra.	A. Black body radiation spectrum B. Atomic spectra C. Molecular spectra D. Anomalous spectrum
20	A diverging lens may not have	A. Negative focal lengthB. Positive focal lengthC. One plane surfaceD. One convex surface