

PPSC Physics Mcq's For Full Book

| Sr | Questions | Answers Choice |
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| 1 | The total energy of body executing SHM is directly proportional to. | A. Amplitude B. Square of amplitude C. Square root of amplitude D. Reciprocal of amplitude |
| 2 | If the resultant of all the forces acting on a body is zero then the body is in | A. Translation equilibrium B. Rotational equilibrium C. Equilibrium D. Dynamic equilibrium |
| 3 | Candela is the SI base unit of. | A. illuminance B. Luminous flux C. Luminous intensity D. Radiant energy |
| 4 | Simple harmonic motion may be assumed as a projection of uniform circular motion along a | A. Diagonal B. Hypotenuse C. Radius D. Diameter |
| 5 | A body is equilibrium may not have | A. Momentum B. Velocity C. acceleration D. K.E. |
| 6 | Huygen's wave theory fails to explain | A. Diffraction B. polarization C. Interference D. Refraction |
| 7 | Artificial polymers are made by a chemical reaction known as. | A. Crystallization B. Electroplating C. Polymerization D. Polarization |
| 8 | Difference in the density of two medium when waves are passing from one into another medium always results in the change in. | A. Wave speed B. Wave direction C. Both speed and direction D. Wave frequency |
| 9 | In a photocell, certain metals emit electrons for | A. Visible light B. X-rays C. Infrared light D. Ultraviolet light |
| 10 | If the roads are not banked | A. A vehicle will turn over B. A vehicle will not travel along with curve C. Tyres and bearing are damaged D. Roads will be spoiled |
| 11 | Optics is the | A. Scientific study of light and vision B. Scientific study to sound C. Scientific study of time D. Scientific study of fluid |
| 12 | The electric current can be defined by its | A. Chemical effect B. Magnetic effect C. Heating effect D. All of these |
| 13 | The dimensions of strain are. | A. [MLT-2] B. [ML-1T-2] C. [ML-2T-3] D. It is a dimensionless quantity |
| 14 | Electricity is transmitted at high voltage rather than at low voltage because. | A. It is generated at high voltage B. It is safer C. It requires less insulation D. It wastes less energy |
| 15 | If the earth stopped rotating the weight of objects at either pole would. | A. Be grater B. Be less C. Vary with altitude D. Be same |

D. Be the same before

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| 16 | In case of a convex lens the rays closed to and parallel to the principal axis will converge after refraction by the lens at a point. | A. Optical centre B. Principal focus C. Focal plane D. Principal axis |
| 17 | Which of the following is a clinical thermometer. | A. Gas thermometer B. Mercury thermometer C. Alcohol thermometer D. Radiation thermometer |
| 18 | How many calories of heat are required to evaporate completely 1 g of ice at 0 °C | A. 480 calories B. 720 calories C. 940 calories D. 1170 calories |
| 19 | The direction of induced e.m.f in a circuit is in accordance with conservation of. | A. Mass B. Charge C. Momentum D. Energy |
| 20 | The power of lens in dioptries is | A. Its focal length in meters B. The reciprocal of its focal length in metres C. The reciprocal of length in metres D. The reciprocal of length in centimetres |