

## PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	A slow neutron can cause fission in	A. Uranium -238 B. Uranium-235 C. Hydrogen-1 D. Thorium -232
2	Though the wavelength of X-rays is smaller than that of visible light yet the speed of X-rays in vacuum is.	A. longer that that of visible light B. Smaller than that of visible light C. Same as that of visible light D. Unpredictable
3	An example of forced oscillation is	A. the pendulum of a clock B. The wind screen wiper C. A plucked sonometer wire D. A sonometer wire excited by a tuning fork
4	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
5	Which of the following in the best container for gas during adiabatic process.	A. Copper vessel B. Thermos flask C. Glass container D. Wooden container
6	Artificial radioactivity was discovered by	A. Rontgen B. Becquered C. Rutherford D. Marie Curie and Pierre Curie
7	Who discovered neutron in 1932.	A. Chadwick B. Bohr C. Rutherford D. Fermi
8	Which of the following does not produced an erect image.	A. Galilean telescope     B. Terrestrial telescope     C. Prism binoculars     D. Astronomical telescope
9	Davison and Germer received the Nobel Prize in	A. 1929 B. 1931 C. 1935 D. 1937
10	The half life of uranium -238 is	A. 1620 years B. 4.5 x 10 <sup>9 </sup> years C. 3-8 days D. 23.5 minutes
11	The half life of a radioactive substance is 6 years What is the time taken by 12 g of this substance to decay completely.	A. 12 years B. 24 years C. 48 years D. infinity
12	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 oC.	A. 120 s B. 150 s C. 1200 s D. 1500 s
13	When the temperature of a body is equal to that of the surrounding then the body appears	A. Dull black B. Red hot C. In thermal equilibrium D. To be cold
14	Self inductances of solenoid is	A. Directly proportional to the current flowing through the wire B. Directly proportional to its length C. Inversely proportional to area of corss section D. Directly proportional to number of turns
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15	In the fusion process, there are	A. Hydrogen isotopes     B. Helium Isotopes     C. Carbon isotopes     D. Oxygen isotopes
16	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
17	Which of the following are defects in human eye.	A. Myopia B. Hypermetropia C. Presbyopia D. All of these
18	Which of the following is a thermodynamic potential	A. Internal energy B. Enthalpy C. Gibb's free energy D. All of these
19	What happens to a soap bubble, when some charge is given to it.	A. It collapses     B. It increases in size     C. It decreases in size     D. It feels nothing
20	The centre of gravity of an irregular shaped object lies at	A. The intersection of diagonals B. The intersection of medians C. Its centre D. The axis of rotation