

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	While passing through the atmosphere total energy is reduced due to.	A. scattering B. Absorption C. Reflection D. All of these
2	Which of the following is the magnitude of the gravitational force and is not the inherent property of the body.	A. Mass B. Weight C. Speed D. Length
3	The number of electrons in U nucleus are.	A. 92 B. 235 C. zero D. 143
4	The radius of first Bohr's orbit for hydrogen atom is.	A. 0.53 m B. 0.53 nm C. 0.053 nm D. 0.53 mm
5	Maximum number of orders available with a grating is.	A. Independent of grating element B. Directly proportional to grating element C. Inversely proportional to grating element D. Directly proportional to wavelength
6	Eye colour is the colour of	A. Iris B. Retina C. Cornea D. Pupil
7	Negative feedback	A. Increases stability B. Decreases stability C. Produces oscillatory D. Cannot occur
8	92.65 is round off as	A. 92.6 B. 93.00 C. 92.7 D. None of these
9	If the transformer turns ratio is 2 and the impedance of primary coil is 250 Ohms then the impedance secondary coil will be.	A. 125 Ohms B. 250 Ohms C. 500 Ohms D. 1000 Ohms
10	The process of pair production will take place if the energy of photon is greater than	A. 0.21 MeV B. 0.51 MeV C. 1.51 MeV D. 1.21 MeV
11	It is deduced that a piece of metal is already a magnet if	A. A copper wire is attracted to it B. A copper wire is repelled by it C. One end of a compass is repelled by it D. Both ends of a compass needle are attracted to it.
12	In the gas equation $PV = nRT$, V is the volume of.	A. 1 g of gas B. 1 L of gas C. 1 mol of gas D. 1 kg of gas
13	In n-p-n transistor the current flows in the direction from	A. Emitter to base B. emitter to collector C. Base to emitter D. Base to collector
14	The force that bonds protons and neutrons together in the nucleus despite the electrical repulsion of the protons is called.	A. Molecular force B. Nuclear force C. Atomic force D. Gravitational force

15 For which of the following objects is the centre of mass equidistant from every point on its surface

A. An unsharpened pencil
B. A gramophone record
C. An egg
D. A table tennis ball

16 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 electrode.
D. It is same throughout the tube

17 A body attached to a spring is pulled to a distance of 20 cm If the value of spring constant is 48 N m^{-1} , the amount of force applied will be.

A. 4.8 N
B. 9.6 N
C. 96 N
D. 192 N

18 Alpha particles are

A. Helium nuclei
B. sodium nuclei
C. Iozized nuclei
D. Hydrogen nuclei

19 In optics, which subfield studies the measurement of electromagnetic radiation including visible light.

A. Radiometry
B. Photometry
C. Telemetry
D. Chronometry

20 Which of the following forms of electromagnetic energy has the longest wavelength.

A. Microwaves
B. Radio waves
C. Infrared waves
D. ^{Visible light}
