

## PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	A real object placed inside the focus of a convex lens gives	A. Real image but diminished B. Real image but enlarged C. virtual image but diminished D. Virtual image but enlarged
2	Newton's rings are formed due to	A. Diffraction of light B. Interference of light C. Polarization of light D. Reflection of light
3	The corpuscular nature of light was given by	A. Huygen B. Maxwell C. Newton D. Thomas Young
4	A sheet of transparent material with fine equally spaced lines ruled parallel on its surface is called.	A. Interferometer B. Grating element C. ruler D. Patch
5	When the lift is moving upward with an acceleration then weight of the object will be.	A. $w = ma$ B. $w - ma$ C. $w$ D. $2 w$
6	Hearing damage is possible at sound pressure of	A. 0 dB B. 50 dB C. 130 dB D. 195 dB
7	The speed of bodies exceeding the speed of sound is called.	A. Superersonic B. Ultrasonic C. Infrasonic D. Super fast
8	The net charge on a condenser is	A. Zero B. $Q/2$ C. $2Q$ D. Infinity
9	Which of the following phenomenon is observed in obtaining an X ray photograph of our hand.	A. Photoelectric effect B. Zeeman effect C. Shadow photography D. Ionization
10	The material of an electromagnet should have high	A. Permeability B. susceptibility C. Retentivity D. Hysteresis loss
11	Some concept of static electricity were introduced by.	A. Chinese B. Plato C. Thales D. Archimedes
12	During an adiabatic gas expansion the environment	A. Serves as a heat sink B. Serves as a heat source C. Must be at a higher temperature than the gas D. Does not have to participate
13	A Spectrum of radiation in which the quantity being studied, such as frequency or energy takes on discrete values is called.	A. Continuous spectra B. Band spectra C. Discrete spectra D. Normal spectrum
14	Efficiency of a half wave rectifier is.	A. Almost negligible B. More than full wave rectifier C. Less than full wave rectifier D. Equal to full wave rectifier
15	The centre of the sun produces a large amount of energy what is the source of this energy.	A. Chemical reaction B. Nuclear fission C. Nuclear fusion D. Nuclear fusion

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16 Deuterium is

A. A transuranic element  
B. A type of cosmic particle  
**C. An isotope of hydrogen**  
D. An isotope of helium

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17 Solar cells are thin wafers made from

A. Uranium  
B. Nickel  
**C. Silicon**  
D. Cadmium

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18 Which scientist announced for the first time that the universe is expanding.

A. Einstein  
B. Newton  
**C. Edward Hubble**  
D. Karl Marx

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19 The pascal is not the SI derived unit of.

A. Pressure  
B. Stress  
**C. work**  
D. Tensile strength

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20 According to Coulomb's law what happens to the attraction of two oppositely charged objects as their distance of separation increases.

A. Increase  
B. Decrease  
**C. Remain unchanged**  
D. Cannot be determined

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