

PPSC Physics Full Book

Sr	Questions	Answers Choice
1	The first demonstration of wave nature of light was provided in 1801 by the experiment of	A. HHuygen B. Thomas young C. Fresnel D. Maxwell
2	The diffraction of light was discovered by	A. Newton B. Young C. Francesco Grimaldi D. Hertz
3	The wave nature of light was proposed by	A. Thomas Young B. Fresnel C. Maxwell D. Huygen
4	The corpuscular nature of light was given by	A. Huygen B. Maxwell C. Newton D. Thomas Young
5	Polaroid's were invented in	A. 1787 B. 1887 C. 1897 D. 1929
6	Interference effects of light were verified by	A. Thomas Young B. Newton C. Bragg D. Huygen
7	Every point on any wave front can be considered as a new source of waves This statement is known as.	A. Huygen's wave theory B. Michelson's wave theory C. Remain's effect D. Rayligh's wave theory
8	Light travels perpendicular to electric and magnetic fields and requires no material medium, was proposed by.	A. Einstein B. Max planck C. Maxwell D. Bragg
9	The study of atomic structure of crystals by x rays was initiated by.	A. Mosely B. Young C. Huygen D. Bragg
10	Which scientist announced for the first time that the universe is expanding.	A. Einstein B. Newton C. Edward Hubble D. Karl Marx
11	Who introduced the concept that an atom possesses quantized energy levels.	A. Fermi B. Newton C. Bohr D. Einstein
12	Which of the following pair is correct.	A. Rutherford - x-rays B. Roentgen - Electron C. Chadwick - Neutron D. J.J. Thomson -Photon
13	Who first studied the visible region of hydrogen spectrum.	A. Lyman B. Pfund C. Balmer D. Brackett
14	What invention is generally referred to as the first capacitor.	A. Mason Jar B. Kleist Jar C. Layden Jar D. Ohm Jar
15	Who developed the world's first vacuum pump in 1650.	A. Otto vori Guricke B. Lord Kelvin C. Saadi Carnot D. James maxwell

16	Who originated the idea of heat death of the universe is 1852	A. Lord Kelvin B. James Thomson C. John Thomson D. Saadi Carnot
17	Who invented the first closed tube thermometer in 1713	A. Gabriel Fahrenheit B. Galileo C. Anders Celsius D. Lord Kelvin
18	Who explained the Fraunhofer lines in the spectrum of solar radiations.	A. Wein B. Stefan C. Fraunhofer D. Kirchhoff
19	Who provided theoretical explanation of a blackbody spectrum.	A. Einstein B. Planck C. Wien D. Stefan
20	Who developed hypothetical heat engine that has the maximum possible efficiency in 1824	A. Saadi Carnot B. August Otto C. Rudolf Diesel D. Karl Benz
21	Michelson's interferometer was devised in.	A. 1801 B. 1825 C. 1867 D. 1881
22	Wave theory of light was proposed by	A. Newton B. Thomas Young C. Maxwell D. Huygen
23	Young's double slit experiment was performed in	A. 1801 B. 1916 C. 1901 D. 1934
24	The discovery of interference of light was made possible in.	A. 1801 B. 1901 C. 1825 D. 1925
25	Who proposed that light energy travels in space by means of wave motion.	A. Maxwell B. Planck C. De-Broglie D. Huygen
26	Who gave the idea of matter wave.	A. De Broglie B. Planck C. Einstein D. Huygen
27	The law of gravitation was introduced by	A. Huygen B. Boyle C. Newton D. Pascal
28	The law of inertia was first time formulated by	A. Galileo B. Newton C. Kepler D. Planck
29	Who was the author of Mathematical principles of Natural philosophy.	A. Kepler B. Einstein C. Max Planck D. Newton
30	Abu Abdullah ibn Jabir Al Battani was the greatest	A. Philosopher B. Mathematician C. Astronomer D. Palmist