

## PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	How many types of quarks were suggested i 1964 quark theory.	A. Two B. Three C. Four D. Five
2	Pure silicon has valence electrons	A. 1 B. 2 C. 3 D. 4
3	Prince Louis and Vector de broglie received the Nobel prize in.	A. 1919 B. 1923 C. 1927 D. 1929
4	The total gain in entropy of the working substance in a Carnot cycle is.	A. Positive B. Negative C. Infinite D. Constant
5	Which one is not a semiconductor.	A. Go As B. Ge C. Sc D. In
6	Why choke coil is used in an AC circuit.	A. To decrease D.C. B. To increases A.C. C. To decreases A.C D. To increase D.C
7	Vectors are ofhen spilt into two or more orthogonal components what is true of these components.	A. they are perpendicular B. They are parallel C. They are antiparallel D. They have same magnitude
8	Electromotive force is closely related to.	A. Inductance     B. Magnetic flux density     C. Potential difference     D. Electric field intensity
9	If a body a moving with constant acceleration the velocity time graph will be a	A. zig zag B. Straight line C. Constant value D. zero value
10	The path of projectile is maximum at	<ul><li>A. Point of lauch</li><li>B. Highest point</li><li>C. Point of landing</li><li>D. Both a and c</li></ul>
11	Which of the following gives discrete emission spectrum.	A. Sun B. Candle C. Incandescent filament D. Mercury vapour lamp
12	A neutron is in head on elastic collision with a stationary nitrogen nucleus The mass of nitrogen nucleus is 14 times that of a neutron The neutrons velocity after the collision is.	A. Less in magnitude than its intimal velocity B. Less in magnitude than the final velocity of the nitrogen atom C. Equal in magnitude to its initial velocity but in the opposite direction D. Greater in magnitude than its initial velocity
13	The centre of mass of a system is a point where an applied force causes the system to move.	A. With rotation     B. Without rotation     C. Fastly     D. Slowly
14	Condenser is used	A. To produce charge B. To change the direction of current C. To collect the charge D. As a good conductor of electricity

15	The instantaneous voltage across a pure inductance.	A. Leads the current by 90 <sup>o</sup> in phase B. Lags the current by 90 <sup>o</sup> in phase C. Is in phase with the current D. Leads the current by a phase angle which depends on the frequency
16	How much large is the proton mass than the electron mass.	A. 1536 B. 1636 C. 1736 D. 1836
17	The centre of gravity of a rectangular or parallel gram shaped plate is.	<ul><li>A. At the centre</li><li>B. At the intersection of diagonals</li><li>C. At the intersection of medians</li><li>D. At the axis of rotation</li></ul>
18	The length of an astronimical telescope for normal vision is.	A. fo x fe B. fe/fe C. fo - fe D. fo + fe
19	The number of electrons in U nucleus are.	A. 92 B. 235 C. zero D. 143
20	Which analysis is employed to convert a complex sound into notes.	A. Fourier theorem B. Milleman theorem C. Lissajoes theorem D. Demorgan's law