

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	The spacing of electric field lines between two identical point charges of opposite signs	A. Is not indication of the field direction B. Is not dependent on the magnitude of the charges C. Is an indication of the field strength D. Is large when the charges are very large
2	The current passing through the switch s will be	A. Zero B. 3 A C. 4.5 A D. 10 A
3	Half life of a radioactive elements 10 minutes If the initial cont. rate is 368 counts per minute for what time count rate reaches 32 counts per minute.	A. 20 minutes B. 40 minutes C. 80 minutes D. 120 minutes
4	The magnitude of the resultant of two equal forces is equal to either to the force What is the angle between the two forces	A. 0 ^o B. 120 ^o C. 60 ^o D. 180 ^o
5	The mass that appears in Newton's second law is known as.	A. Rest mass B. Gravitational mass C. Inertial mass D. Weight
6	Sunlight can undergo total internal reflection if it enters from	A. Glass to air B. Air to glass C. Air to water D. Water to glass
7	Which term is used for human eye defect near sightedness.	A. Myopia B. Hypermetropia C. Presbyopia D. Calaract
8	If Young's experiment is performed in water. which of the following change will occur.	A. Fringe width will increases B. Fringe width will decreases C. Fringe width will remain unchanged D. No fringe will be seen
9	If D1 and D2 are the powers of two lenses placed in contact then the power of the combination will be.	A. D1+D2 B. D1-D2 C. D1/D2 D. D1 x D2
10	Distance between two consecutive nodes or antinodes is equal to.	A. Lamda /4 B. Lamda C. Lamda /2 D. 2 lamda
11	In which reaction two or more small light nuclei nuclei come together or fuse to form a large nucleus.	A. Radioactivity B. Radioactivity dating C. Nuclear fusion D. Nuclear fission
12	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
13	The process is which volume of the system remains constant.	A. Isobaric process B. Isochoric process C. Isothermal process D. Adiatatic process
14	The pressure of a gas is directly proportions to	A. Mean velocity of the molecules B. Mean square velocity of the molecules C. Root mean square velocity of the

		molecules D. Instantaneous velocity of the molecules
15	If a fluid does not wet a liquid surface, the angle of contact is.	A. 90° B. less than 90° C. * greater than 180° D. between 90° and 180°
16	The induced current in a circuit can be increased by	A. Using a strong magnetic field B. Moving the loop faster C. Replacing the loop by a coil of many turns D. All of the above
17	The angular momentum of a body about a fixed point is conserved if its velocity	A. Decreases B. Increases C. Remain the same D. Becomes zero
18	When 5 C of charge flows through a particular resistor 10 J of energy is converted What is the p.d. across the resistor.	A. 0.5 V B. 2.0 V C. 15 V D. 50 V
19	Which of the following phenomenon occurs when two sound waves of equal amplitude and different frequencies travel through the same region.	A. Resonance B. Doppler's effect C. Beats D. Echo
20	Which of the following devices can be used to produce both transvers and longitudinal waves.	A. A string B. A ripple tank C. a helical spring D. A turning fork