

## Physics ICS Part 1 Full Book Mcq's Online Test

Sr	Questions	Answers Choice
1	Chemical properties of an atom are determined by its	A. <p>Mass number</p> B. <p>Atomic number</p> C. <p>Biding energy</p> D. <p>None of these</p>
2	The fact that emf produced by motion of a coil across a magnetic field was discovered by	A. <p>Michael Faraday</p> B. <p>Henry</p> C. <p>Orested</p> D. <p>Both a and b</p>
3	No entrpny chagne is associated with	A. <p>isothermal process</p> B. <p>Adiabatic process</p> C. <p>Isobaric process</p> D. <p>Isochoric process</p>
4	mho m <sup>-1</sup> is the SI unit of.	A. <p>Conductance</p> B. <p>Conductivity</p> C. <p>Resistance</p> D. <p>Resistivity</p>
5	The current produced when the conductor moes across a magnetic field is called	A. <p>Electric potential</p> B. <p>Electrosatic induction&nbsp;</p> <p> C. <p>Electromagnetic induction&nbsp;</p> <p> D. <p>Electric polarization</p>
6	If the vector area is parallel to the field lies, then electric flux is.	A. <p>A maximum</p> B. <p>Infinite</p> C. <p>Minimum</p> D. <p>Remained the same</p>
7	The number of significant figures of a measureent are define das.	A. <p>They reflect the accuracy of the observation in a measurement&nbsp;</p> <p> B. <p>They are teh figures which are reasonably reliable</p> <p> C. <p>They are the accurately known digits and the first doubtful digit of measurement&nbsp;</p> <p> D. <p>All of the above</p>
8	The chemical behavior of an element is determined by	A. <p>Nucleus</p> B. <p>No of Isotopes</p> C. <p>Atomic Number</p> D. <p>Mass number</p>
9	When a ball is thrown vertically upward and then falls back to the ground, which force can be considered conservative in this scenario.	A. <p>Air resistance</p> B. <p>Gravity</p> C. <p>Friction betwene ball and air</p> D. <p>Contant force with hand</p>
10	If a body mass 2 kg is raised verticly through 2 m then the work done will be.	A. <p>50 J</p> B. <p>-39.2 J</p> C. <p>35 J</p> D. <p>40 J</p>
11	Venturimeger is used to measure.	A. <p>Volume of fluid</p> B. <p>Mass of fluid</p> C. <p>Speed of fluid</p> D. <p>Pressure fluid</p>
12	High rrequency radio waes used in radars travel in water.	A. <p>Few centimeter</p> B. <p>Few meter</p> C. <p>Few kilometer</p> D. <p>No Distance</p>
13	Waves produced over sgtrings are.	A. <p>Stationary waves</p> B. <p>Mechanical Waves</p> C. <p>Standing waves</p> D. <p>Both a and c</p>
		A. <p>Flux density</p> -

14	Total number of magnetic lines of force passing normally through unit area is called.	<p>B. Magnetism</p> <p>C. Flux</p> <p>D. Magnetic flux</p>
15	The region of stress-strain curve which obeys Hook's law is.	<p>A. Proportional Limit</p> <p>B. Elastic region</p> <p>C. Elastic region</p> <p>D. yield limit</p>
16	Which of the following conservation law hold in nuclear transmutation.	<p>A. Energy</p> <p>B. Mass</p> <p>C. Momentum</p> <p>D. All these laws</p>
17	Work done on a body for increasing velocity results in.	<p>A. Change in K.E.</p> <p>B. Change in gravitational P.E.</p> <p>C. Change in electric P.E.</p> <p>D. All</p>
18	Beats can be heard when difference of frequency is not more than.	<p>A. 10 Hz</p> <p>B. 8 Hz</p> <p>C. 4 Hz</p> <p>D. 6 Hz</p>
19	Every point of rotating rigid body has	<p>A. Same angular velocity</p> <p>B. Same linear velocity</p> <p>C. Same linear acceleration</p> <p>D. Same linear distance</p>
20	If the amplitude of the wave is tripled. then the amount of energy is increased by	<p>A. 3 times</p> <p>B. 6 times</p> <p>C. 9 times</p> <p>D. 12 times</p>