

## Physics ECAT Pre Engineering MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Michael Faraday and Joseph Henry belong respectively to	A. USA and England B. England and France C. England and USA D. USA and France E. None of these
2	The unit of spring constant is	A. J-sec B. Metre C. $\text{Nm}^{-1}$ D. None of these
3	An electron of the hydrogen atom in the second orbit is called its:	A. Ground state B. Excited state C. Ionized state D. Any of these E. None of these
4	There are some whose resistivity becomes zero below a certain temperature, called	A. absolute zero B. $0^\circ\text{C}$ C. critical temperature D. lower fixed point
5	Newton's law of motion do not hold in	A. an accelerated frame of reference B. an unaccelerated frame of reference C. both of these D. none of these
6	If 2.2 kilowatt power is transmitted through a 10 ohm line at 22000 volt, the power loss in the form of heat will be	A. 0.1 watt B. 1 watt C. 10 watt D. 100 watt
7	The direction of vector in space is specified by:	A. One angle B. Two angles C. Three angles D. None of these
8	Which one of the following has larger value of relative permittivity $\epsilon_r$ at room temperature?	A. Vacuum B. Air C. Glass D. Water
9	A 60 W bulb operates on 220 V supply. The current flowing through the bulb is	A. 11/3 A B. 3 A C. 3/11 A D. 6
10	If $v$ is the velocity of flow of liquid through a tube of area of cross-section $A$ , then according to equation of continuity	A. $v/A = \text{constant}$ B. $A/v = \text{constant}$ C. $Av = \text{constant}$ D. None
11	The number of countries who manage the largest satellite system is:	A. 3 B. 24 C. 126 D. 200
12	An example of photoconductor is:	A. Boron B. Carbon C. Iron D. ...

