

Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	A proton consists of quarks which are.	A. Two up, one down B. One up, two down C. All up D. All down
2	Wave nature of light appears in	A. Pair production B. Compton effect C. Photo electric D. Interference
3	Which of the following series of hydrogen spectrum lies in ultra violet region.	A. Lyman series B. Paschen series C. Balmer series D. Bracket series
4	By modern system of NAVSTAR, the speed anywhere on the earth can be determined to accuracy about.	A. 20 ms ⁻¹ B. 10 ms ⁻¹ C. 2 cms ⁻¹ D. 2 ms ⁻¹
5	In full wave rectification number of diodes required are equal to.	A. 2 B. 3 C. 4 D. 5
6	Energy needed to produce an electron hole in solid state detector is.	A. 1 to 2 eV B. 3 to 4 eV C. 6 to 7 eV D. 8 to 9 eV
7	Radioactivity happens due to the disintegration of	A. Nucleus B. Mass C. Electrons D. Protons
8	Pair production occurs only when energy of photon is at least equal to:	A. 1.02keV B. 1.02 eV C. 1.02 MeV D. 1.02 GeV
9	The SI unit of magnetic induction Tesla is equal to	A. N-1 Am B. NA m ² C. NA-1n ² D. NA-1m ⁻¹
10	In case of inductor, energy is stored in the	A. Electric field B. Magnetic field C. Potential field D. Gravitational field
11	The output voltage of a rectifier is.	A. Smooth B. Pulsating C. Alternating D. Periodically direct
12	Shunt resistance is	A. Low resistance B. Zero resistance C. High resistance D. Impedance
13	An expression for gain of an inverting amplifier is	C. (R_1/R_2) D. None of these
14	The reactance of inductor depends upon	A. L D. All of the above
15	unit of Planck's constant is same as that of.	A. Acceleration B. Angular momentum C. Linear momentum D. Entropy
16	The induced emf in a coil is proportional to:	A. Magnetic flux through the coil B. Rate of change of Magnetic flux through the coil

		<p>C. Area of the coil D. Product of magnetic flux flux and area of the coil</p>
17	The emission of electrons from metal surface when exposed to light is called:	<p>A. Compton effect B. Pair production C. Photoelectric effect D. None of above</p>
18	An ECG records the _____ between points on human skin generated by electric process i the heart.	<p>A. Heart beat B. Pulse rate C. Pressure D. Voltage</p>
19	1 Henry =	<p>A. $V \cdot A^{-1}$ B. $V \cdot A^{-1} \cdot A^{-1}$ C. $V \cdot A^{-1} \cdot S$ D. $V \cdot A^{-2}$</p>
20	Potassium Cathodes in photocell emit electrons for a light.	<p>A. Visible B. Infra red C. Ultra violet D. X rays</p>