

Physics FSC Part 2 Chapter 16 Online MCQ's Test

Sr	Questions	Answers Choice
1	In modulation, low frequency signal is known as	A. Carrier wave B. fluctuated signal C. Modulated carrier signal D. Modulation signal
2	In the capacitive circuit of A.C. quantity when q= 0 the slope of q-t curve is.	A. Maximum B. Minimum C. Zero D. Negative
3	The velocity of an oscillating charge as it moves to and fro along a wire is.	A. Changing B. Constant C. Infinite D. zero
4	In RLC circuit the energy is dissipated in	A. R only B. R and L C. R and C D. L and C
5	Xc =	A. 1/2πfc B. 2πfc C. 2π/fc D. fc/2π
6	X _L =	A. 2πfL B. 1/2πfL C. 2πfL D. fL/2π
7	The peak value of alternating current is $5\sqrt{2}$ A. The mean square value of current will be:	A. 5A B. 2.5A C. 5 <b style="color: rgb(34, 34, 34); font-family: arial, sans-serif; font-size: 16px;">√2A D. 5 ²
8	A resistance frequency the impedance of RLC parallel circuit is.	A. Zero B. Infinite C. Maximum D. Minimum
9	The expression P = VI hold only when current and voltage are.	A. In phase B. Out of phase C. At right angle to each other D. At angle of 120 ^o
10	Average value of current and voltage over a complete cycle is.	A. Positive B. Negative C. Zero D. Infinite
11	The combined effect of resistance and reactance in circuit is called:	A. Impedance B. Inductance C. Capacitance D. None of above
12	The device which allows only the flow of D.C. is.	A. Capacitors B. transformer C. Inductor D. Generator
		A. It is very high power
13	The main reason for world wide use of A.C is because:	B. It can be transmitted over long distance C. It is cheaper to use D. ALI of above
13	The main reason for world wide use of A.C is because: The circuit which compares the two voltages is.	distance C. It is cheaper to use

15	In LR circiut which one of the following statements is correct?	B. R value increases with frequency C. The inductive reactance increases with frequency D. The inductive reactance decreases with frequency
16	An A.C. voltmeter reads 220 V, its peak value will be	A. 225 V B. 240 V C. 311.12 V D. 300 V
17	The wave form of alternating voltage is a	A. Cotangent curve B. Cosine curve C. Sine curve D. Tangent curve
18	The electromagnetic spectrum contains	A. Radio waves B. X-rays C. Microwaves D. All of these
19	During each cycle A.C. voltage reaches a peak value.	A. Once B. Twice C. Thrice D. Four time
20	At high frequency the value of reactance of capacitor will be.	A. Small B. Zero C. Large D. Infinite