

Physics FSC Part 2 Chapter 16 Online MCQ's Test

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Sr	Questions	Answers Choice
1	The power factor of RL series circuit is.	A. 0 B. 1 C. Less then 1 D. More than one
2	Electron vibrating 94,000 times each second will produce radio waves of frequency.	A. 94 Hz B. 940 HZ C. 94 Hz D. 490 Hz
3	Vrms =	A. 0.7V _{< /sub> B. <div>0.07V </div> C. 0.007V D. 0.75V}
4	In metal detector, we use.	A. L-C circuit B. R-L circuit C. R-C circuit D. RLC series circuit
5	The phase difference between the current and voltage at resonce is:	A. 0 B. <span style="color: rgb(34, 34, 34); font-family: arial, sans-serif; font-size: <math>16px</math>,">π C. <span style="color: rgb(34, 34, 34); font-family: arial, sans-serif; font-size: <math>16px</math>,">π D. <span style="color: rgb(34, 34, 34); font-family: arial, sans-serif; font-size: <math>16px</math>,">π/2
6	Power dissipation in A.C circuit is expressed as:	A. P = _{rms} x V _{rms} Sinθ B. xVCosθ C. _{rms} xV _{rms} Cosθ D. _{rms} x V _{rms} Sin2θ
7	In Series resonance circuit the impedance of circuit art resonance frequency, is	A. Maximum B. Minimum C. It is unequal to R D. None of above
8	The phase difference between current and voltage in an inductive circuit is.	A. zero B. 90 ^o C. 180 ^o D. 45 ^o
9	In A.C circuit of inductor which one is true	 A. Voltage leads current by phase angle π/2 B. Voltage lags current by π/2 C. Current leads voltage by π/2 D. Both remain in phase
10	The most common source of an A.C. Voltage is.	A. Motor B. Cell C. Generator D. Thermo couple
11	In three phase voltage across any two lines is about.	A. 220 V B. 230 V C. 400 V D. 430 V
12	At resonance frequency, the impedance of RLC series circuit is.	A. Maximum B. Minimum C. Zero D. Infinite
13	During each cycle A.C. voltage reaches a peak value.	A. Once B. Twice C. Thrice D. Four time

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14	Electro magnetic waves emitted from radio antenna are.	A. Stationary B. Longitudinal C. Transvers D. Both a and b
15	High frequency radio wave is called as	A. Fluctuate B. Carrier wave C. Matter wave D. Mechanical wave
16	Main reason for world wide use of A.C. is	A. It is cheaperB. TransmittedC. Botha a and bD. Reaches in short time
17	The circuit which compares the two voltages is.	A. LDR B. Sensor C. Comparator D. Logic gate
18	Phase difference between V and I of an A.C through resistor is.	A. Zero Degree B. 90 ^o C. 80 ^o D. 120 ^o
19	when an inductor comes close to a metallic object, its inductance is.	A. Decreased B. Increased C. Becomes half D. Becomes 4 times
20	At resonance, the behavior of R-L-C series circuit is.	A. Resistive B. Capacitive C. Inductive D. Modulative