

1. Spring type and gravity type controlling are used in which of following torque
 - A. Controlling Torque
 - b. deflecting Torque
 - c; damping Torque
 - d; eddy current Torque
2. The cosine angle between voltage and current is called
 - EMF
 - b. PD
 - c. Resonance
 - d. Power factor
3. What is constant value of peak factor
 - A. 1.11
 - b. 1.414
 - c. 1.441
 - d. 1.314
4. In a series RLC circuit (Resonant circuit) the magnitude of voltage developed across capacitor is
 - a. 0
 - b. can never be > input voltage
 - c. can be > input voltage and in phase with the input
 - d. > then input voltage 90° out of phase with input
5. The ratio of effective value of quantity to the average value of quantity is called
 - a. Peak factor
 - b. form factor
 - c. Q factor
 - d. non of the above
6. What is the relation between V_L & V_{PH} in balance 3 phase delta connection
 - a. $V_L = V_{PH}$
 - b. $V_L = V_{PH} = 0$
 - c. $V_L = (\text{sq. rt. } X3) V_{PH}$
 - d. $V_L = 3 V_{PH}$
7. What is relation between I_L and I_{PH} in balanced star connection.
 - a. $I_L = I_{PH}$
 - b. $I_L = I_{PH} = 0$
 - c. $I_L = (\text{sq. rt. } X3) I_{PH}$
 - d. $I_L = 3 I_{PH}$
8. from the following source of energy which is not a conventional energy
 - A. Hydro
 - B. Thermal
 - C. Nuclear
 - D. Tide
9. the quantity whose magnitude changes and flows in alternating direction with respect to time is called.
 - A. AC
 - B. DC
 - C. AC&DC
 - D. Non of the above
10. in 3 phase sequence in which the 3 EMF are attained are reach their maximum value is
 - Current sequence
 - Voltage Sequence
 - Phase Sequence
 - Power Sequence
11. In RLC circuit is $X_L > X_C$ in a voltage triangle is called
 - Inductive
 - Capacitive
 - Resistive
 - Pure inductive
12. In a AC circuit if I is anti phase with voltage i.e 180° is
 - In phase
 - zero Phase
 - Out of Phase
 - Parallel Phase
13. The instrument which is used both AC and DC is called
 - PMMC
 - Split Phase
 - MI
 - Induction type
14. In PMMC type inst. Which type of damping is used
 - Eddy current
 - fluid friction
 - Deflecting
 - Controlling
15. An electrical machine which is operate by faraday's law of electro magnetic induction principle is called
 - Trans farmer
 - Motor
 - Generator
 - Booster
16. The line which takes the power from gun station to receiving station by the line feeder is called
 - Distribution Line
 - Uniform Line
 - Transmission Line
 - Supply Line
17. The generating voltage from power plant in India generally
 - 6.6 K.V
 - 132 kv
 - 11kv
 - both a&b
18. The line which fed from grid or substation to consumer is called

Transmission Distribution Production Expantion

19. The following Instrument which is not a secondary type instrument

Indicating Recording Intigrating Absulate

20 The Flamings Left hand rule is applicable for

DC Motor DC Generator Transformer Capacitor

GIIST - DIPLOMA