

General Engineering (Electrical) Paper 1 (2020-2021) Shift 1 (Memory Based)

- Which is the Varactor diode symbol?
- What is the full form of MCCB?
- What is the Highest rating fuse?
- What is the dimension of Rod electrode for earthing?
- Which meter is used for measurement of Electrical resistance?
- In which law the summation of current is zero?
- The direction of induced EMF is given by which rule?
- The units used in circuits to denote resistance is?
- DC series motor is used in which application?
- Which material is used for the making of brush in a DC machine?
- Which of the following is used for Power factor Improvement?
- What is the unit of H?
- What is the value of 1 lux?
- If the number of poles is 6 and the supply frequency is 60Hz, the synchronous speed in rpm will be?
- Which type of motor is a reluctance motor?
- Which motor operates on both AC-DC supply?
- Zero pf leading Armature reaction nature in alternator leads to?
- What is the use of Economiser?

- What is the effect of capacitance in single phase induction motors during starting and running?
A. High, High B. Low, low C High, low D Low, High
- What is the SI Unit of mass?
- Polystyrene comes under :
A. Conductor
B. Insulator
C. Semiconductor
D. None of the above
- Synchronous Impedance method of V.R is also known as _____.
- How to increase the speed of the disc in the energy metre?
- NPN and PNP are :
A. Transistor
B. Semiconductor
C. Thyristor
D. none of the above
- What is the expression for capacitance in a transmission line?
- A 2amp current flows through a series connection of inductance $L_1 = 3H$ and $L_2 = 6H$. If the coils are additively coupled and the value of M is $2H$, then the stored energy will be?
- What is the secondary transmission voltage in the Power System?
A. 132 kV
B. 66 kV
C. 33 kV
- Impedance angle for a R-L circuit lies between_____.
- Which motor is used in cranes and hoist?
- What is the dimension of the Copper Strip?
- Which values does a Thermocouple measure?
A. Compound values
B. Average values
C. RMS values
- Which is not measured by CRO?
A. Frequency
B. Voltage
C. Power

D. Phase

- Which type of lightning scheme is used in malls?
A. Direct Lightning B. Indirect Lightning

