

- SECTION-D**
- Note:** Long answer type questions. Attempt any two questions out of three questions. (2x10=20)
- Q.36 Describe
- A) Casing-capping system .
 - b) C.T.S system of wiring
- Q.37 Explain types and purposes of fuses in briefly.
- Q.38 Explain with diagram different configurations of transistors.

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Q.5 Full form of SRM

- a) State Reluctance motor
- b) Switched Reluctance motor
- c) Shock reluctance motor
- d) None of these

Q.6 1 H.p=_____W

- a) 735.5 b) 747
- c) 736.7 d) 715.5

Q.7 Fused used in house wiring

- a) Kit-Kat b) HRC
- c) Carriage d) All of these

Q.8 In DC Circuit, $P=$ _____

- a) $VI \cos \phi$ b) $VI \sin \phi$
- c) $VI \cos \sin \phi$ d) VI

Q.9 Full form of ELCB

- a) Earth leakage circuit broker
- b) Earth leakage case breaker
- c) Earth leakage circuit breaker
- d) None of these

Q.10 SCR is _____ Device

- a) Semiconductor b) Non-semiconductor
- c) Transistor d) None of these

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SECTION-B

Note: Objective type questions. All questions are compulsory. (10x1=10)

Q.11 Define watt meter

Q.12 What is time period .

Q.13 Transformers are rotated in _____

Q.14 What is starter

Q.15 Full form of MCB

Q.16 What is HRC fuse.

Q.17 Purpose of Earthing

Q.18 What is SCR

Q.19 Draw symbol of Diode

Q.20 What is integrated circuit

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

Q.21 Explain difference between Resistance and specific Resistance .

Q.22 Explain Auto transformer .

Q.23 State Faraday law of electromagnetic induction.

Q.24 Define phase and line voltage

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