

- (60) (4) 202451

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- Q.5 TRIAC has _____ number of terminals (CO1)
- a) 2 b) 3
c) 4 d) 8
- Q.6 Free wheeling diode is used in _____ load (CO2)
- a) Resistive b) Inductive
c) Capacitive d) None
- Q.7 A single Phase fully controlled Bridge Rectifier has _____ numbers of SCR. (CO2)
- a) 2 b) 3
c) 4 d) 5
- Q.8 Cyclo converter is used to control (CO3)
- a) Voltage b) Current
c) Frequency d) Power
- Q.9 Step up Chopper's increases (CO3)
- a) Voltage b) Current
c) Power d) None
- Q.10 Which of the following is not type of chooper. (CO3)
- a) Class A b) Class B
c) Class C d) Class X

SECTION-B

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

- Q.11 Expand UJT (CO1)
- Q.12 Draw the symbol of SCR (CO1)
- Q.13 Define triggering. (CO1)
- Q.14 Draw the symbol of UJT. (CO1)
- Q.15 Define Duty Cycle. (CO3)
- Q.16 Expand SMPS (CO5)
- Q.17 Define Holding current (CO1)
- Q.18 Define UPS. (CO5)
- Q.19 Define Drive (CO4)
- Q.20 Define Motor. (CO4)

SECTION-C

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

- Q.21 Draw the characteristics of DIAC. (CO1)
- Q.22 Explain two transistor analogy of SCR. (CO1)
- Q.23 Draw the characteristics of TRIAC. (CO1)
- Q.24 Write short note on Heat sink. (CO1)