

- f) The UJT terminals are 1
- a) E, B1 and B2
 - b) E1, E2 and B
 - c) E, G and C
 - d) G, S and D
- g) The effect of over-voltages on SCR are minimized by using 1
- a) RL circuits
 - b) Circuit breakers
 - c) Varistors
 - d) di/dt inductor
- h) False triggering of the SCRs by varying flux & noise is avoided by using 1
- a) F.A.C.L.F & C.B
 - b) Shielded cables & twisted gate leads
 - c) Snubber circuits
 - d) di/dt inductor in series with the gate terminal
- i) Thyristors are used in electronic crowbar protection circuits because it 1
- possesses
- a) high surge current capabilities
 - b) high amp²-sec rating
 - c) less switching losses
 - d) voltage clamping properties
- j) The load commutated chopper circuit consists of 1
- a) two thyristors and one commutating capacitor
 - b) four thyristors and one commutating capacitor
 - c) two thyristors and two commutating capacitors
 - d) four thyristors and two commutating capacitors
- k) The control strategy in which on and off time is guided by the pervious 1
- set of values of a certain parameter is called as
- a) time ratio control
 - b) pulse width modulation
 - c) current limit control
 - d) constant frequency scheme
- l) The value of anode current required to maintain the conduction of an 1
- SCR even though the gate signal is removed is called as the
- a) holding current
 - b) latching current
 - c) switching current
 - d) peak anode current
- m) _____ are semiconductor thyristor devices which can be turned-on by 1
- light of appropriate wavelengths.
- a) LGTOs
 - b) LASERs
 - c) MASERs
 - d) LASCRs
- n) GTOs have _____ as compared to the Conventional Thyristors. 1
- a) less on-state voltage drop
 - b) less gate drive losses
 - c) higher reverse blocking capabilities
 - d) faster switching speed



