- Q25. The negative of the statement "Rajesh or Rajni lived in Bangalore" is
- (a) Rajesh lives in Bangalore and Rajni did not live in Bangalore
- (b) Rajesh did not live in Bangalore and Rajni did not live in Bangalore
- (c) Rajesh did not live in Bangalore or Rajni did not live in Bangalore
- Sol: (c) We have, p: Rajesh or Rajni lived in Bangalore.
- and q: Rajesh lived in Bangalore.
- r: Rajni lived in Bangalore.
- ~q: Rajesh did not live in Bangalore.
- ~r. Rajni did not live in Bangalore.
- ~ (q v r): Rajesh did not live in Bangalore and Rajni did not live in Bangalore.