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Q.6 Give the value of u (x, y) on the boundary of the Square in the following figure evaluate the function 4 (x,y) satisfying the lab place equation  $\nabla^2 = 0$  at the pivotal points of this figure.





- Q.4 Define normal distribution and state its properties. Why this distribution is important?
- Q.5 a) What do you mean by significance level. Explain the types of errors in test.
  - b) Obtain the steady state difference equation for the queuing model (M/M/S) : ( $\infty$ /FCFS).