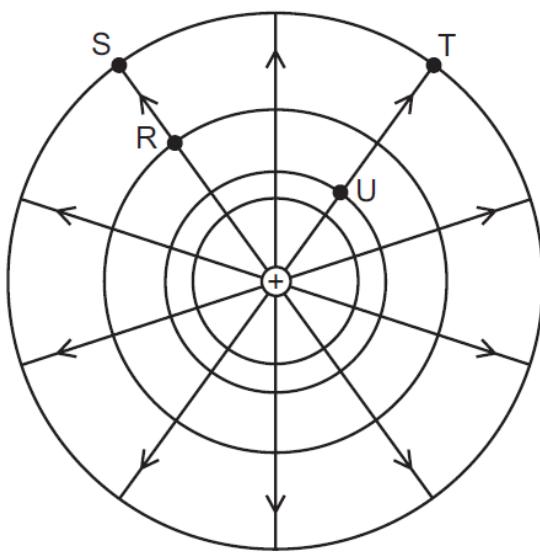


- 19** The diagram shows the electric field lines and equipotential surfaces around a small positive charge. Four points, R, S, T and U, have been marked at different positions in the field.



Which statement is correct?

- A** The electric field strength at T is greater than the electric field strength at U.
- B** When a negative charge moves from U to R, there will be an increase in electric potential energy.
- C** When a positive charge is moved from S to T, no force acts on it.
- D** Work must be done by an external agent to move a positive charge from U to T.