

3. The relation $R = \{(1, 1), (2, 2), (3, 3), (1, 2), (2, 3), (1, 3)\}$ on set $A = \{1, 2, 3\}$ is

A) Reflexive but not transitive

B) Symmetric and Transitive

C) Reflexive but not symmetric

D) Neither symmetric nor transitive

Correct Answer: C