

Just remember the definitions and proceed for the questions by **checking each relation property one-by-one**.

Like for checking the relation to be equivalence or not, first check whether it is **symmetric or not** by checking its conditions, then check whether it is **reflexive or not** by checking its conditions and then check whether it is **transitive or not** by checking its conditions. Finally, if the relation satisfies all the above three relation's conditions i.e. it is symmetric, reflexive and transitive simultaneously, then the relation is called as **Equivalence Relation**, otherwise not.