

Q. 5 If $A = \{a, b, c, d\}$ and the function $f = \{(a, b), (b, d), (c, a), (d, c)\}$, write f^{-1} .

Sol. Given that,
and

$$A = \{a, b, c, d\}$$

$$f = \{(a, b), (b, d), (c, a), (d, c)\}$$

$$f^{-1} = \{(b, a), (d, b), (a, c), (c, d)\}$$