**QUIZ NO: 1 (BSE-4A)**

**Q.1** No of attributes in a table is 4. Find maximum no of primary keys in that table.

Sol: 1

**Q.2** Find super keys, candidate keys and primary key of following relation.

|  |  |  |  |
| --- | --- | --- | --- |
| X | Y | Z | A |
| 1 | 2 | 3 | 4 |
| 1 | 7 | 1 | 2 |
| 2 | 3 | 3 | 4 |
| 5 | 6 | 9 | 2 |

Sol:

SK: Y, YX, YZ, YA, YXZ, YXA, YZA, XYZA, XZ, XZA, XA

CK: Y, XZ, XA (Any one can be selected as PK, but only one)