

Time : 1 Hours

Max. Marks : 15

PART A

(Answer **All** questions)

3 X 3 Marks

1. Define a Relation, with example.
2. Obtain the power set of set $A = \{a, b, c, d\}$
3. What is Partition of a set? Bring out an example.

PART B

(Answer **All** questions)

1 X 6 Marks

1. What are the different operation on set? Detail each

OR

2. What are the different types of relation, when a relation is equivalent?