



#### SECTION-D

7. How clustering can be performed by partitioning methods? Explain algorithms for k-means and k-medoids partitioning methods.
8. How object dissimilarity can be computed for objects described by interval-scaled variables and binary variables? Explain.

#### SECTION-E

9. Answer briefly :

- a. Define agglomerative hierarchical clustering.
- b. What is linear regression?
- c. Define Data warehouse models.
- d. Define Spatial Objects.
- e. Define Nominal Variables.
- f. Define Temporal Granularity.
- g. Discuss temporal support for levels.
- h. Discuss DBSCAN.
- i. What are genetic algorithms?
- j. What is bayes theorem?

**NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.**