



## PG-DBDA September 2023

### C-DAC THIRUVANANTHAPURAM

#### REDIS – LAB 2

1. Do the following in the Redis database numbered **5**.
  - a) Create a hash key named **student** with fields stid, name, course.
  - b) Add email and contactno fields to **student** key.
  - c) Display the number of fields stored in **student** key.
  - d) Display the value of name field from **student** key.
  - e) Modify the value of contactno field from **student** key.
  - f) Display only the values of all fields from **student** key.
  - g) Create a list key named **courses** with values DBDA, DCSF, DAC, DESD.
  - h) Add a new value DMC to the right in **courses** key.
  - i) Insert a new value DRAT before DCSF in **courses** key.
  - j) Display the number of elements of **courses** key.
  - k) Display all the elements from **courses** key.
  - l) Remove 2 elements from right of **courses** key.
  - m) Create a set key named **centres** with values Trivandrum, Kochi, Mumbai, Pune.
  - n) Display all the members from **centres** key.
  - o) Remove the member Kochi from **centres** key.
  - p) Create a sorted set key named **departments** with values STDC, CFS, CSS, ETG.
  - q) Display all the members along with their score from **departments** key.
  - r) Remove ETG from **departments** key.
  - s) Display the members which contain the letter S from **departments** key.
  - t) Display the total number of keys present in the database.