**GANPAT UNIVERSITY**

**U. V. PATEL COLLEGE OF ENGINEERING**

**B.Tech CE/IT Semester IV**

**2CEIT404: Python Programming**

**Practical-5: Dictionary**

1. Create and print a dictionary that contains keys a,b,c,d with their values 1,2,3 and 4 respectively using curly bracket syntax and ‘dict’ in built function.
2. Using above created dictionary perform following operations

1)Write a code to print out the value of a, d, and c.

2) Calculate the sum of the value of a,b,c,d and print it.

3)Add a new key, value pair (e,5) to the dictionary and print dictionary.

1. Filter the dictionary by removing all items with a value greater than 2.

d={“a”:1, “b”:2, “c”:3, “d”:4, “d”:5}

1. Print the names which contain the character 'a' from the dictionary containing 2 lists of male and female students given below.

{"male": ["Tom", "Charlie", "Harry", "Frank"],

"female":["Sarah", "Huda", "Samantha", "Emily", "Elizabeth"] }

1. You have 4 films in the dictionary with the age and number of seats available as indicated below. Write a programme to ask for a film and check for the person that he is eligible to watch movie, also check ticket availability and movie availability in the cinema.

"War": [3,5],

"Bourne": [18,5],

"Gully boy": [15,5],

"Uri":[12, 5]