**ASSIGNMENT**

**PYTHON DICTIONARY**

Q1. Find the incorrect statement/s out of the following:

>>> dict1={'A': 'Apple', 'B':'Boy', 'C':'Cat', 'D':'Dog'}

>>>print(dict1[‘a’] )

>>> print(dict1[‘B’] )

>>> print(dict1[‘Cat’] )

>>> print(dict1[‘E’] )

Q2. Consider the following dictionary:

states={'D':'Delhi', 'K':'Kerala', 'T':'Tamil Nadu', 'B':'Bihar'}

Write Python statements for the following. Kindly state the reason for the operations which not possible.

1. To insert (‘R’:“Red Fort”) and (‘J’:“Jantar Mantar”) in the dictionary states
2. To replace the value of key ‘K’ by ‘Karnataka’.
3. To remove the element with key ‘B’.
4. To return a sorted list of keys in the dictionary, states
5. To check whether the element with key ‘D’ is present in the dictionary or not.
6. To display all elements of a dictionary states in different lines in a sorted order of keys.
7. To delete the dictionary, states.

Q3 Consider the dictionary dict2 and dict3 and give the output of the following Python statements:

            dict2={10:'Hockey',  20:'Cricket', 30: 'Basket Ball', 40: 'Volley Ball' }

            dict3={10:100, 50:500, 60:600}

1. dict2.items()
2. dict2.keys()
3. dict2.values()
4. dict2.get(10,'NA')
5. dict2.get(80, "NA")
6. dict2.update(dict3)  
   print(dict2)  
   print(dict3)

Q4. Write Python script to create a dictionary with class and the name of a class teacher and delete a particular class and its teacher name.

Q5. Write Python script to input country name and its capital of 5 countries. Add them to a dictionary and also display it.

Q6. Write Python script to create a dictionary with famous monuments and their location. Input name of any monument and check whether that monument is present in the dictionary or not. If the monument is not present in the dictionary then add it to the dictionary.