1.OPTION 3

#The purpose of this

#program is to display some text.

2.True

3.False

4.1

5. -1

6.NOTHING

7. (2, 3, 3)

8. 1.234e-07

9.True

10.False

11. ValueError: substring not found

12.True

13.True

14. del() or pop()

15. [5,6j] as it is list.

because key should be immutable, and list is mutable

16.Yes

17. Data items are not enclosed in quotes.

18.yes

19. Triple quotes (""" or ''') because the string contains multiple lines.

20. s[7:10]

21. – (minus)

22.True

23. Yes, it is a tuple.

24. {[1,2]:10} as key can’t be list

25. A dictionary uses keys to access values while a list uses index numbers.

26. smedia.get("Facebook")

27. {(3+2j): 'complex', 5j: 'complex', (19+2j): 'complex', 18.1: 'float'}

28. smedia["Twitter"]=280

29. villians={1:"magneto",2:"joker",3:"Doctor Doom",5:"Lex Luthor",9:"Green Goblin",6:"Loki"}

1. >>> len(villians)

6

2. >>> min(villians)

1

3. >>> villians.pop(9)

'Green Goblin'

>>> villians

{1: 'magneto', 2: 'joker', 3: 'Doctor Doom', 5: 'Lex Luthor', 6: 'Loki'}

4. >>> villians.values()

dict\_values(['magneto', 'joker', 'Doctor Doom', 'Lex Luthor', 'Loki'])

5. >>> villians.clear()

>>> villians

{}

30. S1=set("karnataka")

31. **update()**

**32.** **SyntaxError: invalid syntax as india & mangalore are not enclosed properly**

**33.**

**1.getcwd**

**2.open**

**3.close**

**4.create file in current directory using w+**

**5.read**

**6.readline**

**7.readlines**

**8.seek**

**9.write**

**10.tell**

**11.remove**

**12.create file in directory of our choice**

**13.os.path.esists to check availability of files**

**14.importance of using with keyword to avoid close() command**

**15.3 modes r,a,w(r+ & w+)**

**34. 3 modes r,a,w(r+ & w+)**

**35.** **with open('xcvdf.txt',mode='w') as f:**

**f.write('created new file')**