

- viii. `x = 'Hello world'`  
`y = {1:'a', 2:'b'}`  
`print('hello' not in x)`  
 What will be output of the above code?  
 a) True                      b) False  
 c) string                      d) set
- ix. `int('lp')`  
 What will be output of the above code?  
 a) lp                      b) tuple  
 c) error                      d) set
- x. `def absolute_value(num):`  
     `if num >= 0:`  
         `return num`  
     `else:`  
         `return -num`  
`print(absolute_value(-4))`  
 What will be output of the above code?  
 a) 0                      b) 4  
 c) -4                      d) num

- Q.2 i. What is python? 2  
 ii. Difference between 2/3 version of python. 3  
 iii. Explain different features and application of python. Name IDE of python. 5  
 OR iv. What are the Python Popular Frameworks and Libraries? Also explain the different flavours of python. 5
- Q.3 i. Explain print() with different parameters. 3  
 ii. Write are name of all keyword of python. Write the code to find keyword in Jupyter note book. 7  
 OR iii. Classify the different types of python operators with example. 7  
 Attempt Any Two
- Q.4 i. What are the different types of control statement in python? What is indentation. 5  
 ii. Explain types of data structure like list, tuple, set, string, dictionary used in python with suitable code of python. 5  
 iii. What is a function in python? Write a program using function. 5

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Total No. of Questions: 4



Enrollment No.....

Faculty of Engineering  
Mid Sem I Summer Term Examination - 2022  
OE00018 Python Essential

Programme: B.Tech.  
Duration: 2 Hrs.

Branch/Specialisation: CSE  
Maximum Marks: 40

- Q.1
- i. Which of the Following is the Flavour of Python? 1  
a) AnacondaPython                      b)pypy  
c)Ironpython                                d)All of the above
  
  - ii. In python a binary number should be written by prefixing 1  
a) 0b    b)B  
c)b    d)0B
  
  - iii. Which function is used to find the data type in python 1  
a) dy()                                        b)datatype()  
c)type()                                      d)data()
  
  - iv. `a="hello"."mcu"` 1  
`type(a)`  
What will be output of the above code?  
a) list                                        b)tuple  
c)string                                      d)set
  
  - v. `x=2,y=5` 1  
`print('x ** y =',x**y)`  
What will be output of the above code?  
a) 10                                         b)25  
c)7     d)32
  
  - vi. `x=5, y=2` 1  
`print('x // y =',x//y)`  
What will be output of the above code?  
a) 1    b)3  
c)2    d)7
  
  - vii. `x=10, y=12` 1  
`print('x != y is',x!=y)`  
What will be output of the above code?  
a) 12                                         b)False  
c)22                                         d) True