

- vi. What does print(Test. name_) display (assuming Test is the name of the class)? 1
(a) () (b) Exception is thrown
(c) Test (d) main_
- vii. The readlines() method returns 1
a) str
b) a list of lines
c) a list of single characters
d) a list of integers
- viii. Which method is used to read file line by line 1
a) read(1)
b) readlines(1)
c) readline()
d) line()
- ix. Select the incorrect file access mode 1
a) r b) ab+
c) rw+ d) wb+
- x. Which method is used to sets the position of a file pointer 1
a) ftell() b) fseek()
c) tell() d) seek()

Q.2 Attempt Any Two:

- i. What is class & object? Explain constructor with program. 5
ii. Explain the main principal of object oriented programming in python. 5
iii. Explain any three types of inheritance in python with program of each. 5

Q.3 Attempt Any Two:

- i. Differentiate between Text and Binary files? 5
ii. How to open and close file? Also give the Syntax for same. 5
iii. What are different modes to open a file? 5

Total No. of Questions: 3



Enrollment No.....

Faculty of Engineering
Mid Sem -II Examination November - 2022
OE00018 Python Essential

Programme: B.Tech.

Branch/Specialisation: All

Duration: 1.5 Hrs.

Maximum Marks: 30

- Q.1
- represents an entity in the real world with its identity and behavior. 1
(a) A method (b) An object
(c) A class (d) An operator
 - What will be the output of the following Python code? 1
class test:
 def __init__(self,a=""Hello World""):
 self.a=a
 def display(self):
 print(self.a)
obj=test()
obj.display()
(a) The program has an error because constructor can't have default arguments
(b) Nothing is displayed
(c) "Hello World" is displayed
(d) The program has an error display function doesn't have parameters
 - What is Instantiation in terms of OOP terminology? 1
(a) Deleting an instance of class
(b) Modifying an instance of class
(c) Copying an instance of class
(d) Creating an instance of class
 - The assignment of more than one function to a particular operator is 1
(a) Operator over-assignment
(b) Operator overriding
(c) Operator overloading
(d) Operator instance
 - What are the methods which begin and end with two underscore characters called? 1
(a) Special methods
(b) In-built methods
(c) User-defined methods
(d) Additional methods