5th Sem. / Computer Engg.

Subject : Python Comp. Prof. Using Python

Time : 3 Hrs.   M.M. : 100

SECTION-A

Note: Objective type questions. All questions are compulsory   (10x1=10)

(Course Outcome/CO)

Q.1   Define ASSERT statement.   (CO-2)

Q.2   ^ Searches string in the given expression form the _____   (CO-4)

Q.3   Write the extension of the module file in Python.   (CO-2)

Q.4   Write the use of function OPEN ().   (CO-5)

Q.5   Len (tupple) function returns_____ (CO-10)

Q.6   Min (list) function shows_____ (CO-10)

Q.7   Define comment in Python.   (CO-2)

Q.8   Zero Division Error is an _____ (CO-7)

Q.9   Expand OOPS.   (CO-9)

Q.10 Define Polymorphism.   (CO-9)

SECTION-B

Note: Very Short answer type questions. Attempt any ten parts   10x2=20

Q.11 Define Union Operation on sets.   (CO-2)

Q.12 Write two keywords used in Python.   (CO-1)

Q.13 Define Inheritance.   (CO-9)

Q.14 Name type of constructors in python.   (CO-4)

Q.15 Define Filters.   (CO-8)

Q.16 List any two operators of Python.   (CO-2)

Q.17 Lower ( ) function outputs_____ (CO-5)

Q.18 Define Module.   (CO-5)

Q.19 Write the use of DIR function in python. (CO-4)

Q.20 What is TRY Statement?   (CO-5)

Q.21 Write the use of Assert statement.   (CO-2)

Q.22 Write the use of File Pointer in Python. (CO-5)

SECTION-C

Note: Short answer type questions. Attempt any eight questions. 8x5=40

Q.23 Define List and its three operations. (CO-10)

Q.24 Briefly explain Dictionary. How it is created in Python? (CO-5)

Q.25 Write in brief about history of Python. (CO-1)

Q.26 Write a program of find the largest of three no's. (CO-2)

Q.27 Explain while loop in python. (CO-3)

Q.28 Explain SYS module used in python. (CO-4)

Q.29 What is Exception? How it is handle in python. (CO-7)

Q.30 Describe file and how it is opened in python. (CO-8)

Q.31 Write the special characters used in a regular expression. (CO-10)

Q.32 Explain the greedy match in Python. (CO-10)

SECTION-D

Note: Long answer type questions. Attempt any three questions. 3x10=30

Q.33 Define Topples in Python. Explain various operation of Topples. (CO-9)

Q.34 Explain class and objects. How it is implemented in Python. (CO-9)

Q.35 How a function is created in Python. Explain the procedure to execute the function with example. (CO-5)

Q.36 Explain the following :-

a) Simple character matching in python. (CO-10)

b) Difference between OOP and Procedural Programming. (CO-9)

(**Note:** Course outcome/CO is for office use only)