Total No. of Questions : 5]

P5779

SEAT No. :

[Total No. of Pages : 2

[6120]-101

First Year M.C.A. (Management)

IT-11 : JAVA PROGRAMMING

(Rev. 2020) (Semester - I)

Time : 2½ Hours]

[Max. Marks : 50

Instructions to the candidates:

1) All questions are compulsory.
2) Figures to the right indicate full marks.

Q1) a) What do you mean by anonymous class? Explain with suitable example. [7]

b) Explain the use of "this Keyword". [3]

OR

c) What is polymorphism? Explain the compiletime & runtime polymorphism. [7]

d) What is a naming conventions for packages? [3]

Q2) a) Explain un-checked exceptions with the suitable example. [5]

b) Define array, explain two-dimensional array with suitable example. [5]

OR

c) Explain thread priorities with proper example. [5]

d) What is mean of thread-deadlock? Illaborate it with suitable example. [5]

Q3) a) Define array list. Write a program to accept search element from the user to find it from given array list. [6]

b) What is the mean of hashing? Explain with suitable example for insert operation in Hash map. [4]

OR

c) Write a note on treeset & tree Map. [6]

d) Write a short on list interface. [4]

P.T.O.

Q4) a) Design following GUI. using AWT components.   [10]

Student Name	[ ]
City	[▽]
Gender	⊙ Male ○ Female
Languages	☐ Data structure ☐ Java
	[Submit]

OR

b) Demonstrate key listener interface with suitable example.   [10]

Q5) a) Create JDBC application for product table with fields Id, name & price perform insert operation & display inserted data retrieved from table to the user.   [10]

OR

b) Create a web page by using servlet to find factorical of a given number.   [10]

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