CSE601 - Java Programming

P. Pages : 2

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GUG/W/18/1672

Time : Three Hours

Max. Marks : 80

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Notes : 1. All questions are compulsory.
2. All questions carry equal marks.
3. Due credit will be given to neatness and adequate dimensions.
4. Assume suitable data wherever necessary.

1. a) Discuss the features of Java and also state the benefits of object-oriented programming. **8**

   b) With suitable program code, Explain the followings. **8**

   i) For loop.

   ii) While loop.

   iii) Do while loop.

   iv) Switch-case.

OR

2. a) Explain different parameter passing methods with suitable program code. **8**

   b) Write a program to perform the following functions using classes and objects. **8**

   i) Read the Marks of 5 subjects.

   ii) Calculate total Marks and percentage.

   iii) Print the result on the screen.

3. a) How Exceptions are handled in Java? Elaborate with suitable Examples? **8**

   b) Explain Thread synchronization and Deadlock with suitable example? **8**

OR

4. a) Discuss package in detail and write a program to implement user defined package. **8**

   b) What is Multithreading? Write a program to set Thread priorities. **8**

5. a) What is an Applet? Explain life cycle of an applet with their Methods. **8**

b) Write a code to implement on applet that accepts input From user and Displays the square of a number. **8**

Example

Applet
3   9

input in first box
print square
of a number in
second box

OR

6. a) Explain different types of Events. Also provide different components of Event Handling? **8**

   b) Write a program for handling Mouse Events? **8**

7. a) Write a program for Reading the data of current Java file and writing it into another file? **8**

   b) Explain the following Term. **8**

      i) Stream classes.

      ii) Character Stream classes.

OR

8. a) Write a program for Reading Data sequentially from Random-Access File? **8**

   b) Explain concatenating and Buffering files with examples? **8**

9. a) What is servlet? Explain the task performed by servlet? **8**

   b) Explain Text Event class with program code? **8**

OR

10. a) Distinguish TCP/IP programming with UDP programming with Example? **8**

    b) Explain the following terms with Example? **8**

       i) JAVADOC

       ii) CORBA

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