

B.C.A.- III (CBCS Pattern) Semester-V
007 - Elective-I Paper-III - Core Java

P. Pages : 2

Time : Three Hours



GUG/S/25/13082

Max. Marks : 40

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- Notes :
1. All questions are compulsory and carry equal marks.
 2. Draw neat and labelled diagram and use supporting data wherever necessary.
 3. Avoid vague answer and write specific answer related to question.

Either:

1. a) Explain the features of Java in brief. 4
- b) Define Operators? Explain various types of operators using example. 4

OR

- c) Write a program in Java to print multiplication table of entered number. 4
- d) What do you mean by string characters? Explain in detail. 4

Either:

2. a) Explain the following- 4
 - a) Object
 - b) Methods changing by order of parameters
- b) Define method overloading. Explain the different three ways to overload of the method using example. 4

OR

- c) Explain the copy constructor using the suitable example. 4
- d) Write a program to explain the concept of inheritance. 4

Either:

3. a) Explain the following- 4
 - i) Importing package
 - ii) Priority of a thread
- b) Explain throwable class in java in detail. 4

OR

- c) Define multithreading. Explain the life cycle of thread in detail. 4
- d) Write a procedure where Application convert to Applet. 4

Either:

- 4. a) Explain the various AWT containers with example. 4
- b) Explain the following- 4
 - i) Font class
 - ii) Container

OR

- c) Define Panel class. Write a program to demonstrate panel class. 4
 - d) What are Menus. Explain popup menus using suitable example. 4
5. Solve all the questions.
- a) Write a short note on streams class. 2
 - b) Explain the finalization in brief. 2
 - c) Write a note on parameterized Applet. 2
 - d) Explain the file class in brief. 2
