007 - Elective-I Paper-III : Core Java

P. Pages : 2
Time : Three Hours

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GUG/S/23/13082
Max. Marks : 40

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Notes :
1. All Questions are compulsory and carry equal marks.
2. Draw neat and labelled diagrams wherever necessary.
3. Avoid vague answers and write answers relevant and specific to questions only.

Either:

1. a) Explain the features of JAVA in detail. **4**

b) What are data types? Explain different data types of Java. **4**

OR

c) Explain the basic structure of Java program using suitable example. **4**

d) Define Array. Explain different types of an array in detail. **4**

Either:

2. a) Explain the following **4**

i) Class

ii) Object

b) Explain different types of Access Modifiers using suitable example. **4**

OR

c) Explain different types of Inheritance in Java. **4**

d) Write a short note on Interfaces using suitable example. **4**

Either:

3. a) Explain in detail about Packages. **4**

b) Define Exception. Explain the types of Exceptions. **4**

OR

c) Write a short note on Multithreading. **4**

d) Explain the Applet Life Cycle in detail. **4**

Either:

4. a) Explain the Frame and Panel in detail. **4**

b) Define Layout Managers. Explain using suitable example. **4**

OR

c) Explain the following **4**
   i) Button
   ii) List Box

d) Explain the Files and File class using suitable example. **4**

5. Attempt all the questions.

a) Explain the Java Application in detail. **2**

b) Write a short note on Constructor. **2**

c) Explain the Graphic in Applet in brief. **2**

d) Write a short note on Deserialization. **2**

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