

6BIT3 - Java Paper- III

P. Pages : 2

Time : Three Hours



GUG/W/16/5558

Max. Marks : 80

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- Notes : 1. All questions are compulsory and carry equal marks.
2. Draw neat and clean diagram wherever necessary.
3. Avoid vague Answers and write Answer Relevant and specific to Questions only.

Either

1. a) What is JVM? Explain it in detail. **8**
b) Write a program to copy the content of one array to another. **8**

OR

- c) What is Data Type? Explain Data Types Supported by Java in detail. **8**
d) Write a program to print the Fibonacci series from 0 to 30. **8**

Either

2. a) Describe the concept of Inheritance in detail. **8**
b) What are the use of uses defined package. Create two different classes and store in user defined package. **8**

OR

- c) What is variable? Explain static and Non static variable in detail. **8**
d) Write a program to create uses defined static method and call it. **8**

Either

3. a) Define Thread? Explain multithreading in detail. **8**
b) Write a program to handle the Exception using try and multiple catch block. **8**

OR

- c) List and Explain in brief any three sub-classes of exception class. **8**
d) Write a program to implements the nested try statements. **8**

Either

4. a) Describe Event Delegation model in Detail. **8**
b) Write a program to Demonstrate Text field and Button classes. **8**

OR

- c) Draw the state diagram of Applet life cycle and explain it. **8**
- d) Write a program to Demonstrate the scanner class. **8**

5. All questions are compulsory.

- a) What do you mean by Garbage collection? **4**
- b) Write about modifiers of class. **4**
- c) Write about Thread priorities. **4**
- d) What do you mean by stream and File. **4**
