

B.Sc. (with Credits)-Regular-Semester 2012 Sem VI
B.Sc.4516-Computer Science : Paper-II : Elective-III : Java

P. Pages : 1

GUG/S/17/5633

Time : Three Hours



Max. Marks : 50

- Notes :
1. All questions are compulsory and carry equal marks.
 2. Draw neat and clean diagram wherever necessary.
 3. Avoid vague answers.

1. Either

a) What is Garbage collection? Explain how finalize () method work. 5

b) Write a program to calculate circle perimeter. 5

OR

c) Define Array? Explain Arrays class with suitable example. 5

d) Write a program to Demonstrate type casting. 5

2. Either

a) What is object? Explain "This" keyword with suitable example. 5

b) What is Abstract class? Explain Abstract classes in detail. 5

OR

c) What do you mean by package? Explain any three predefined packages name & explain it. 5

d) Write a program to demonstrate multilevel Inheritance. 5

3. Either

a) Briefly explain Thread life cycle. 5

b) Write a program to Demonstrate throws keyword. 5

OR

c) Discuss multithreading concept in detail. 5

d) Write a program to create your own exception. 5

4. Either

a) Explain Event Delegation model in detail. 5

b) Write a program to create frame and add any three components on it. 5

OR

c) What is Exception? Explain predefined Exception classes in detail. 5

d) Write a program to Demonstrate Card Layout. 5

5. All question are compulsory.

a) Write about JVM 2½

b) Explain how to call static methods. 2½

c) Write about thread priorities. 2½

d) Write a short note on panel class. 2½
