

B.Sc.- III CBCS Pattern Semester-VI
USCST11.1 - Elective-I : Computer Science-I : Core Java

P. Pages : 1



GUG/W/23/13345

Time : Three Hours

Max. Marks : 50

- Notes :
1. All questions are compulsory and carry equal marks.
 2. Draw Neat and Labeled diagram and use supporting data wherever necessary.
 3. Avoid vague answers and write specific points/answer related to questions.

Either:

1. a) Explain while statement with syntax and example. 5
b) What is Array? Explain one dimensional array with example. 5

OR

- c) Write a java program to perform basic calculator operations. 5
d) Explain else-if ladder with example. 5

Either:

2. a) Explain the concept call by value. 5
b) Enlist the scope rules in java and explain them. 5

OR

- c) Explain importing of packages in java. 5
d) Write a program in java to demonstrate the package. 5

Either:

3. a) What is Exception? Explain types of exception. 5
b) Explain thread life cycle in detail. 5

OR

- c) Write a java program to use try & catch block. 5
d) Describe thread synchronization in detail. 5

Either:

4. a) Explain container in detail. 5
b) Describe flow layout in detail. 5

OR

- c) Write a java program to demonstrate applet context. 5
d) What is event? Explain event categories. 5

5. Solve all questions.
- a) Explain applications of java. 2½
 - b) Write a note on object. 2½
 - c) What is throw keyword? 2½
 - d) Write a short note on Listeners. 2½
