

B.Sc. (I.T.) - III (CBCS Pattern) Sem-V
008 - Paper-III (Elective-II) : Core Java

P. Pages : 1

Time : Three Hours



GUG/W/22/13135

Max. Marks : 40

- 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 different features of java. 4
b) What is JDK? Explain the role of JDK. 4

OR

- c) Explain the basic structure of java programming in detail. 4
d) What are datatypes? Explain different datatypes of java. 4

Either:

2. a) Define class. Explain the rules used while naming the class. 4
b) Explain the following example. 4
i) public ii) private iii) protected iv) default

OR

- c) What are Abstract Classes? Explain with example. 4
d) Explain the Packages with example. 4

Either:

3. a) Explain the different types of errors. 4
b) Explain throwable class in java. 4

OR

- c) Different between Multiprocessing and Multithreading. 4
d) Explain life cycle of Multithreading. 4

Either:

4. a) What is different between local and remote applet? 4
b) List the methods of Graphical class. 4

OR

- c) Explain the term AWT and its hierarchy? 4
d) What is stream? How is the concept of streams used in java? 4

5. Attempt all the questions.
- a) Define identifiers. Explain the rule to define identifiers name. 2
b) Write user define packages with example. 2
c) Is it possible to start a thread twice. 2
d) Give a note on layouts of AWT. 2
