

ROLL No:

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Total number of pages: [1]

Total number of questions: 06

BCA/ 5th Sem
Programming in Java
Subject Code: BSBC-502
Paper ID :

Time allowed: 3 Hrs

Max Marks: 60

Important Instructions:

- All questions are compulsory

PART A (2×10)

Q. 1. Short-Answer Questions:

- What is object oriented programming.
- Write features of OOPs?
- Write any four differences between Java and C.
- What is JDK?
- What are built in data types in Java?
- What is a class?
- What is encapsulation?
- Write a note on protected data member.
- What is an interface in Java?
- What do you mean by garbage collection?

PART B (8×5)

- Q. 2. What is constructor and destructor? Elaborate with examples. CO1
OR
Explain various loop statements in Java with examples. CO1
- Q. 3. What is function overriding? Explain the use of final keyword. CO2
OR
What are exceptions? How exceptions are handled in Java? Explain. CO2
- Q. 4. What are Packages? How it can be implemented? CO3
OR
Write a program in Java to find the highest number from given three numbers. CO3
- Q. 5. What are Applets? Explain its stages. CO4
OR
What is AWT? Explain its use. CO4
- Q. 6. How Input and output are handled in Java? Explain. CO5
OR
What is an event? How to handle events in Java? CO5