

Nagarjuna College of Information Technology

Sankhamul-09, Lalitpur

Pre-board Exam 2079

Bachelor in Computer Applications

Full Marks: 60

Course Title: Object Oriented Programming in Java

Pass Marks: 30

Code No: CACS 204

Time: 3 hours

Semester: III

Candidates are required to answer the questions in their own words as far as possible.

Group B

Attempt any six questions.

[6 x 5 = 30]

2. Explain entry control and exit control loop control structures.
3. Differentiate between abstract class and interface with suitable example.
4. Define polymorphism. Write an example program to demonstrate polymorphism in Java.
5. Define exception. How exceptions are handled in Java? Explain with a proper example.
6. What is the use of ‘this’ and ‘super’ keyword. Explain with examples.
7. Why do we need to use package in Java?
8. Write short note on (Any Two):
 - a. Applets
 - b. Access Modifiers
 - c. JDBC

Group C

Attempt any two questions.

[2 x 10 = 20]

9. a) Define linked list. Write a program to demonstrate linked list. [5]
b) What are the steps involved in making JDBC connectivity? [5]
10. a) Create the GUI form in Java that checks a number entered in the text box is palindrome or not. [5]
b) Differentiate between AWT and Swing. Explain two Swing controls in Java. [5]
11. a) List and explain any five String methods used in Java with examples. [5]
b) Define stream. Write a program in java to copy the content from one file to another. [5]