

NETTUR TECHNICAL TRAINING FOUNDATION
DIPLOMA IN INFORMATION TECHNOLOGY & DATA SCIENCE – CP09
IV SEMESTER REGULAR & SUPPLEMENTARY EXAMINATION-JULY 2023

Subject: Java Programming

Total Time: 2 Hr.

Subject Code: CP09414T

Total Marks: 50

PART B

1.0 ANSWER ANY EIGHT OF THE FOLLOWING

2*8=16

- 1.1 Why java is platform independent?
- 1.2 What are arithmetic operators in java?
- 1.3 What are the main features of OOPs?
- 1.4 What is encapsulation?
- 1.5 Mention the use of static keyword in Java
- 1.6 What are access specifiers in Java?
- 1.7 What is exception in java?
- 1.8 What are the two ways to create a thread in Java?
- 1.9 What is multithreading?
- 1.10 What is the difference between String and String Buffer?

2.0 ANSWER ANY SIX OF THE FOLLOWING

3*6=18

- 2.1 Write a program to implement the two-dimensional array in java.
- 2.2 What is the difference between a class and an object?
- 2.3 Differentiate between overloading and overriding.
- 2.4 What is a constructor? What are the types of constructors?
- 2.5 What are the 3 components of JDBC?
- 2.6 What are the advantages of JSP over Active Server Pages (ASP)?
- 2.7 Write the difference between interface and abstract class
- 2.8 Explain exception handling mechanism in Java

3.0 ANSWER ANY FOUR OF THE FOLLOWING

4*4=16

- 3.1 What are iteration statements in java? Explain with example.
- 3.2 What is inheritance? Explain with one example.
- 3.3 Explain the process of life cycle of thread
- 3.4 Write a program to implement the concept of map interface in java
- 3.5 What is a session tracking? What are its techniques?
- 3.6 Describe JSP Architecture with a diagram.

