

S.NO: 22N1- UCS

Course Code: KUF

A.D.M.COLLEGE FOR WOMEN, NAGAPATTINAM

(AUTONOMOUS)

BCA Degree Examination

III Semester – November – 2022

CC VI – JAVA PROGRAMMING

Time: 3 hours

Maximum Marks: 75

Section –A

10X2=20

Answer **ALL** the Questions

1. What is meant by Object Oriented Programming ?
2. Define the term Bytecode.
3. How will you use the conditional operator ? Give an example.
4. Identify the major difference between break and continue statements.
5. Name the different types of Inheritances.
6. State the priority of threads.
7. Mention any two checked type exceptions.
8. What is an Applet ?
9. What is a stream ? Give any two input stream classes.
10. What are the predefined I/O stream classes in Java ?

Section -B

5X5=25

Answer **ALL** the Questions

11. a) List out the application area of Object Oriented Programming.

(or)

b) Explain the role of Java Virtual Machine with illustration.

12. a) Examine the conditional control statements with an example.

(or)

b) Discriminate the various access controls used for members in a class.

13. a) Develop a Java program for finding sum and average of numbers in an Array.

(or)

b) Develop a Java program for creating a thread using Runnable interface.

14. a) Demonstrate the Exception handling mechanism in Java.

(or)

b) Differentiate the application and applet programs.

15. a) Explain any two Byte Stream classes in Java.

(or)

b) Create a file and manipulate it by reading and writing characters.

Section -C

3 X 10 = 30

Answer any **THREE** Questions

16. Formulate the salient features of Java Programming
17. Explain the various looping statements with an example program.
18. Create a class for implementing multiple inheritance and explain it.
19. Explain the life-cycle of an applet program and demonstrate the parameter passing technique.
20. Describe the Random Access Files in Java.

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