



K20U 1937

Reg. No. :

Name :



**III Semester B.C.A. Degree CBCSS (OBE) – Regular
Examination, November 2020
(2019 Admission Only)
Core Course
3B07 BCA : JAVA PROGRAMMING**

Time : 3 Hours

Max. Marks : 40

**PART – A
Short Answer**

Answer **all** questions :

(6×1=6)

1. Expand JDK and JVM.
2. Define Array.
3. What is an interface ?
4. What is the default thread priority in Java ?
5. What is Serialization ?
6. Write a note on creating menus.

**PART – B
Short Essay**

Answer **any 6** questions :

(6×2=12)

7. Write short note on Wrapper Classes.
8. Differentiate Application and Applet Programs.
9. What is the use of keyword 'Super' in Java ?
10. Explain the purpose of 'try' and 'catch' statements.
11. How to create thread in Java ?

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12. Write a note on HTML <Applet> tag.
13. Explain about Filter Streams.
14. How to handle events for the AWT controls Button and CheckBox ?

PART – C
Essay

Answer **any 4** questions :

(4×3=12)

15. Write a program to check the given String is Palindrome or not.
16. How to create a new package in Java ? Explain with example.
17. Explain about the lifecycle of a Thread.
18. Explain in detail about File Input Stream.
19. Explain about the Structure of an Applet Program.
20. Write a program to display human face (Use Graphic Class Methods).

PART – D
Long Essay

Answer **any 2** questions :

(2×5=10)

21. Explain about the features of Java.
 22. Explain in detail about Method Overloading and Method Overriding with example.
 23. How to create User Defined Exceptions in Java ? Explain with Example.
 24. Explain in detail about the Layout Managers.
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