K21U 1938

III Semester B.C.A. Degree CBCSS (OBE) Regular/Supplementary/ Improvement – Examination, November 2021
(2019 – 2020 Admissions)
CORE COURSE
3B07BCA : JAVA PROGRAMMING

Time : 3 Hours

Max. Marks : 40

PART – A

Short answer. Answer **all** questions.

(6×1=6)

1. Define bytecode in Java.

2. What is Java class and Java method ?

3. Write note on interface.

4. What is the use of the keyword 'throw' ?

5. What is the advantage of Java applets ?

6. Expand AWT and JDK.

PART – B

Short essay. Answer **any 6** questions :

(6×2=12)

7. Write note on Wrapper Classes.

8. Explain about constructors in Java.

9. Explain about method overriding with example.

10. Differentiate finally and finalize.

11. Explain about creating new packages in Java.

12. Explain about nested try statements with example.

13. Write note on html Applet tag.

14. Write short note on layout managers.

PART – C

Essay. Answer **any 4** questions :   (4×3=12)

15. Define Array. Explain about array declaration and initialization with example.

16. Write a program to reverse the given string.

17. Explain about method overloading with example.

18. Write note on creating threads in Java.

19. Explain in detail about the life cycle of an applet.

20. Explain about creating and handling menus.

PART – D

Long essay. Answer **any 2** questions.   (2×5=10)

21. Explain in detail about any five string handling methods with example.

22. Explain in detail about file input stream and file output stream.

23. Explain the keywords used in exception handling with example.

24. Explain in detail about any four AWT controls and their event handlers with example.

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