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DCCA202

Reg. No.

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II Semester B.C.A. Degree Examination, July/August - 2024

COMPUTER SCIENCE

Object Oriented Programming Using Java

(NEP 2021 Scheme)

Time : 2½ Hours

Maximum Marks :60

Instructions to Candidates:

1. Answer All Parts.
2. Answer any Four questions from each part.

PART - A

I. Answer any Four questions. Each question carries 2 marks.

(4×2=8)

1. What is Java API?
2. Write the General Syntax for creating class and object.
3. Define Abstract class.
4. What is Multi-Tasking?
5. What is an event ? Mention any four events.
6. What is Javabeen?



PART - B

II. Answer any Four questions. Each question carries 5 marks.

(4×5=20)

7. Discuss various types of Access specifiers in Java.
8. Explain different types of Looping statements.
9. Explain the implementation of multiple Inheritance using Interface.
10. What is swing? Explain its features.
11. Illustrate the use of finally block with an example.
12. Mention the benefits of Java collection frame work.

[P.T.O.]





PART - C

III. Answer any Four questions. Each question carries 8 marks.

(4×8=32)

13. Explain the features of Java in detail.
 14. Discuss the different types of operators supported by Java.
 15. What is Inheritance? Discuss various types of Inheritance.
 16. What is an applet? Mention its advantages and disadvantages.
 17. What is an Exception? Illustrate the implementation of try-catch block.
 18. Explain the life-cycle of a Thread with a neat diagram.
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