

**E 3024**



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Reg. No.....

Name.....

**B.Sc. DEGREE (C.B.C.S.S.) EXAMINATION, APRIL 2022**

**Fifth Semester**

Core Course—JAVA PROGRAMMING AND INTERNET

[For B.Sc. I.T.]

(2013—2016 Admissions)

Time : Three Hours

Maximum Marks : 80

**Part A (Short Answer Questions)**

*Answer all questions.*

*1 mark each.*

1. Expand WWW ?
2. What is a web browser ?
3. Write down the most popular search engine ?
4. What is URL ?
5. Expand HTTP ?
6. What is JVM ?
7. What is an Object in JAVA ?
8. Expand FTP ?
9. What is OOPS ?
10. Expand JDBC ?

(10 × 1 = 10)

**Part B (Brief Answer Questions)**

*Answer any eight questions.*

*2 marks each.*

11. What are <tr> tag and <td> tag in HTML ?
12. List out two browser names ?
13. List out different versions of HTML ?
14. List out different versions of WINDOWS ?

**Turn over**





E 3024

15. What is data abstraction ?
16. What is inheritance ?
17. What is data encapsulation ?
18. What is polymorphism ?
19. What is the range of an int in java ?
20. Which are two Boolean literals ?
21. Which are different reference types in Java ?
22. Which keyword is used to declare final variables in JAVA ?

(8 × 2 = 16)

### **Part C (Descriptive/Short Essay Type Questions)**

*Answer any **six** questions.  
4 marks each.*

23. Explain the advantages of the internet.
24. Explain the HTML layout.
25. Explain to add pictures in HTML documents.
26. Explain how Java is different from C and C++.
27. Explain different types of flow control statements in JAVA ?
28. Explain the use of inheritance ?
29. Explain the different features of Java ?
30. Write a basic program in Java.
31. Explain the syntax of creating a subclass from a superclass ?

(6 × 4 = 24)

### **Part D (Long Essays)**

*Answer any **two** questions.  
15 marks each.*

32. Explain in detail the structure and parts of the URL and the importance of URL design.
33. Explain in detail HTML color coding methods.
34. Explain in detail multithreaded programming with an example.
35. Explain in detail Java Database Connectivity.

(2 × 15 = 30)

