DON BOSCO COLLEGE

(Affiliated to the University of Calicut)

Mannuthy, Thrissur 680 651, Tel: 0487 - 2373730, 2371337, 2370447
E-mail: dbciqacmty@gmail.com , dbctrichur@gmail.com, iqac@dbcollegemannuthy.edu.in
www.dbcollegemannuthy.edu.in,

SECOND INTERNAL EXAMINATION OCTOBER 2018
FIFTH SEMESTER BCA
BCA5B07-JAVA PROGRAMMING

Time: 3 hours　　　　　　　　　　　　　　　　　　　**Max. Marks: 80**

Part - A

Answer all questions

(Each carries 1 mark)

1. Java program is a collection of-----
2. The first statement allowed in a java file is a ------ statement
3. The smallest unit of java language are----------
4. --------are program designed tokens
5. Java compiler produces an intermediate code known as-------
6. In java data is encapsulated in-----------
7. Vector class is contained in--------------- package.
8. What is a thread?
9. In exception handling hit means -----------
10. ----------class in java includes methods for drawing shapes and lines.

(1*10=10 marks)

Part - B

Answer all five

(Each carries 2 marks)

11. What are constants in java?
12. What is type casting?
13. How can we define a class in Java?
14. What is a static member in java?
15. What is a byte stream?

(2*5=10 marks)

Part-C
Answer any five
(Each carries 4 marks)

16. What are constructors? Explain its types?
17. What is method overloading? Explain with example?
18. What do you mean by abstract class and methods?
19. Write a note on different visibility modes.
20. What do you mean by enumerated data types in Java?
21. What is an interface? Explain with example.
22. Show the hierarchical representation of java.awt package.
23. Write a note on thread priority.

(4*5=20 marks)

Part -D
Answer any five
(Each carries 8 marks)

24. Define Inheritance and its types.
25. Differentiate method overloading and overriding with suitable example.
26. Explain life cycle of thread with suitable example.
27. Write a detailed note on exception handling in Java
28. Explain the steps involved in applet programming
29. What is an array? What are the types of arrays supported in Java.
30. How can we implement multilevel inheritance in JAVA
31. How event handling is done in JAVA

(8 *5=40 marks)

****