



Date: 08-04-2019
Time: 09:00-12:00

Dept. No.

Max. : 100 Marks

Section – A

Answer **ALL** the Questions

(10 * 2 = 20 Marks)

- 1) What is called JVM?
- 2) What do you mean by type casting?
- 3) What is the use of ternary operator?
- 4) Difference between while and do..while loops.
- 5) What is called vector? List any three methods used in vector.
- 6) What do you mean by Interface? Write the syntax for interface.
- 7) What is called multithreading?
- 8) How do we define a try block?
- 9) What is a remote applet?
- 10) Expand JDBC.

Section – B

Answer any **FIVE** questions

(5 * 8 = 40 Marks)

- 11) i) List the difference between Java & C++

(OR)

ii). Explain in detail about the structure of Java Program.

- 12) i). Write a Java program to find the Sum of digits of a given number.

(OR)

ii) Write any five mathematical functions with an example.

- 13) i) Explain in detail about Method Overloading.

(OR)

ii). Explain the functions used in StringBuffer class with an example.

- 14). i) What is package? How will you create and access packages in your program?

(OR)

ii) Define Exception. Explain the exception handling mechanism in detail.

- 15) i) Explain the life cycle of an Applet.

(OR)

ii) What is file? Explain how you will create a file.

Section – C

Answer any **TWO** questions

(2 * 20 = 40 Marks)

16) i) Discuss in detail about the features of Java.

ii) Explain the various operators available in Java

17) i) Explain in detail about the looping constructs with an example.

ii) Discuss in detail about the life cycle of thread.

18) i) What do you mean by Inheritance? Explain the various types of inheritance used in Java with an example

ii) Explain the methods involved in connecting the database.

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