S.Y.B.Sc IT
SEMESTER IV
CORE JAVA

04/3/20

TIME: 2 ½ HOURS

MARKS: 75

N.B: ALL QUESTIONS ARE COMPUSORY
FIGURES TO THE RIGHT INDICATE FULL MARKS.

Q.1 ANSWER THE FOLLOWING (ANY THREE): 15

A) Describe Java components
B) Describe the JVM
C) Explain the Java compiler
D) Explain the comments in Java
E) Describe increment operator in Java
F) Explain logical operators in Java

Q.2 ANSWER THE FOLLOWING (ANY THREE): 15

A) Describe the nested if .. else statement with the help of Java program
B) Describe the do… while loop, with the help of Java program
C) Explain the continue statement, with the help of Java program
D) Explain the method overloading, with the help of Java program
E) Describe super instance with the help of Java program
F) Explain the static fields of a class, with the help of Java program

Q.3 WRITE SHORT NOTES ON FOLLOWING (ANY THREE): 15

A) Default base class constructors
B) This keyword
C) Implementing multiple interfaces
D) Abstract function
E) Creating package
F) Default packages in Java

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Q.4 WRITE SHORT NOTES ON FOLLOWING (ANY THREE): 15

A) Arrays in Java
B) Searching elements to vectors
C) Creating Thread
D) Multiple exceptions in Java
E) Writing binary data
F) Reading console input

Q.5 WRITE SHORT NOTES ON FOLLOWING (ANY THREE): 15

A) Event listener interfaces
B) Inner classes
C) Menus
D) Text fields
E) Grid layout
F) Border layout

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