



SN – 404

V Semester B.A./B.Sc. Examination, November/December 2017
(Semester Scheme) (F + R) (CBCS) (16-17 and Onwards)

COMPUTER SCIENCE – V

Object Oriented Programming Using JAVA

Time : 3 Hours

Max. Marks : 70

Instruction : Answer *all* Sections.

SECTION – A

I. Answer **any 10** questions. **Each** question carries **2** marks. (10×2=20)

- 1) What is a web browser ? Give an example.
- 2) Write a note on JVM.
- 3) What is nested if statement ? Give an example.
- 4) What is a final variable ? Give an example.
- 5) What is vectors ?
- 6) Differentiate between string and string buffers.
- 7) What is the use of import keyword ? Give an example.
- 8) What is an error ? Mention types of errors.
- 9) Differentiate between throws and throw keyword.
- 10) Write a note on repaint () method.
- 11) What is stream classes ? Mention two types of stream classes.
- 12) Mention any four I/O exceptions.

SECTION – B

II. Answer **any 5** of the following questions. **Each** question carries **10** marks. (5×10=50)

- 13) a) Explain any five features of Java. 5
- b) What is command line arguments ? Explain with example. 5
- 14) a) Explain any five bitwise operators. 5
- b) Explain any two looping statements with syntax and example. 5
- 15) a) Explain classes and objects with syntax and example. 5
- b) Write a note on visibility controls. 5

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- 16) a) Write a Java program to sort list of elements in ascending and descending order and show the exception handling. 5
b) Explain creating and implementing interfaces with example. 5
- 17) a) Write a note on user defined packages. 5
b) Explain with neat diagram life cycle of a thread. 5
- 18) a) Write a note on implementing runnable interfaces with example. 5
b) Explain multiple catch statements with example. 5
- 19) a) Explain getting numeric input from the user and display using applet. 5
b) Write a Java program to implement keyboard event using applet. 5
- 20) a) Explain drawing circles and ellipse with example. 5
b) Write a note on reading and writing characters to file. 5

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