



CS – 198

V Semester B.A./B.Sc. Examination, March 2023
(CBCS) (2016 – 17 and Onwards) (F+R)
COMPUTER SCIENCE – V
Object Oriented Programming Using Java

Time : 3 Hours

Max. Marks : 70

Instruction : Answer *all* the Sections.



SECTION – A

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

- 1) What is JDK ?
- 2) What are the command line arguments ?
- 3) What are the special operators in Java ?
- 4) Compare in terms of their functions about while and do while statements.
- 5) How to create objects in Java ?
- 6) What are Wrapper classes ?
- 7) How do classes help us to organize our programs ?
- 8) Define Package. Give an example.
- 9) What is thread priority ?
- 10) What is exception ? Write any two common Java exceptions.
- 11) How applets differ from applications ?
- 12) What is stream ? Name the two types of Java streams.

P.T.O.



SECTION – B

- II. Answer **any 5** of the following. **Each** question carries **10** marks. **(5×10=50)**
- 13) a) Explain any five features of Java. 5
b) How Java differs from C and C++ ? 5
- 14) a) Explain different types of operators available in Java. 5
b) Write a Java program to display all prime numbers between two limits. 5
- 15) a) What are constructors ? What are the types of constructors ? 5
b) Explain method overloading with example. 5
- 16) a) What is an array ? Explain two dimensional arrays with example. 5
b) Write a short notes on interface. 5
- 17) a) Explain any five Java API Packages. 5
b) Explain life cycle of a thread. 5
- 18) a) What are the types of exception handling ? 5
b) Write a Java program to implement mouse events. 5
- 19) a) Explain the life cycle of an applet. 5
b) Write any five methods of graphics class. 5
- 20) Write a short notes on the following :
- a) Byte stream classes. 5
b) Concatenating and buffering files. 5