

M.Sc. (Part-I) Semester-II (CBCS Scheme) Examination

COMPUTER SOFTWARE (Old) (Upto Summer-2019)

(Core Java)

Paper-VI

Time : Three Hours]

[Maximum Marks : 80

Note :— (1) All questions are compulsory.

(2) All questions carry equal marks.

1. (a) What is meant by class ? Explain it with example. 8
- (b) Describe data types provided by Java language. 8

OR

2. (a) Explain command-line arguments. Write a program to find sum and product using command-line argument. 8
- (b) Explain variables and arrays used in Java. 8
3. (a) What is an interface ? Explain with suitable example. 8
- (b) Explain :
 - (i) Multilevel Hierarchy
 - (ii) Dynamic Method Dispatch. 8

OR

4. (a) What is method overriding ? Explain with example. 8
- (b) Explain :
 - (i) Object class
 - (ii) Final keyword. 8
5. (a) Explain built-in exception in detail. 8
- (b) Explain the term Inter-thread communication with example. 8

OR

6. (a) What is priority of a thread ? Explain methods used for priority of a thread. 8
- (b) Explain
 - (i) Multiple catch clauses
 - (ii) Nested Try Statement. 8
7. (a) Explain the use of file input stream and file output stream with example. 8
- (b) Describe transient and volatile modifier with example. 8

OR

8. (a) Explain HTML APPLET tag in Java with example. 8
- (b) Explain :
 - (i) Applet
 - (ii) PrintWriter Class. 8
9. (a) Explain layout manager and how it is used. 8
- (b) Explain :
 - (i) Text Area
 - (ii) Choice
 - (iii) Lists
 - (iv) Scrollbars. 8

OR

10. (a) Describe the basics of frame window. 8
- (b) Explain the following AWT controls :
 - (i) Labels
 - (ii) Text field. 8