61509

Fifth Semester B.A./B.Sc. Degree Examination, March/April 2021

(CBCS Scheme)

Computer Science

Paper V — OBJECT ORIENTED PROGRAMMING USING JAVA

Time : 3 Hours]   [Max. Marks : 70

Instructions to Candidates : Answer all the Sections.

SECTION – A

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

1.   Define JVM.

2.   Write the syntax of if ... else.

3.   Difference between break and continue.

4.   Define object.

5.   What is an Array?

6.   What is finalizer( ) method?

7.   Define package.

8.   What is the use of getpriority( ), setpriority( )?

9.   Explain Join and Sleep method.

10.   What is an interface? Give example.

11.   Explain repaint( ) method.

12.   What are the two different types of streams?

SECTION – B

II.   Answer any **FIVE** questions. Each question carries **10** marks :   **(5 × 10 = 50)**

13.   (a)   Explain any 5 features of Java.   **(5)**

         (b)   Difference between Java and C.   **(5)**

14. (a) What is type casting? Explain. **(5)**

(b) Explain two looping statements with example. **(5)**

15. (a) Explain method overloading with example. **(5)**

(b) Explain class with syntax and example. **(5)**

16. (a) Explain any five string methods. **(5)**

(b) Write a note on wrapper class. **(5)**

17. (a) Discuss creating and implementing user defined package. **(5)**

(b) What is multithreading? Explain with example. **(5)**

18. (a) Discuss the syntax of exception handling. **(5)**

(b) Write a note on user defined exception. **(5)**

19. (a) Explain creating and executing applets. **(5)**

(b) Write a Java program to getting an input from user in applet. **(5)**

20. (a) Explain drawing rectangle with example. **(5)**

(b) Write a Java program to find the factorial of a given number. **(5)**