

M.C.M. Semester—II Examination
JAVA PROGRAMMING
Paper—2 MCM 3

Time : Three Hours]

[Maximum Marks : 80

N.B. :— (1) **ALL** questions are compulsory.

(2) Use suitable data wherever necessary.

1. (A) What do you mean by Applet ? Explain with example. 8
(B) What do you mean by ternary operator. (? operator) ? Explain with example. 8

OR

2. (A) Explain Anatomy of application program. 8
(B) Explain :—
(1) Variables
(2) Numeric datatype. 8
3. (A) Write a program to print factorial of a given number by using recursion. 8
(B) What do you mean by method overloading ? Explain with example. 8

OR

4. (A) What do you mean by method ? Explain various types of methods with example. 12
(B) Explain for loop with example. 4
5. (A) Write a program to accept array of [2] [3] elements and print transpose of matrix into array of [3] [2] elements. 8
(B) Write a program to demonstrate the use of command line argument. 8

OR

6. (A) Explain returning an object with reference of method. 8
(B) Explain string class with any 4 methods of string class. 8
7. (A) Explain with example :—
(1) Final variable
(2) Final method
(3) Final class. 12
(B) Explain method overriding with suitable example. 4

OR

8. (A) Explain Layout Manager with its types. 8
(B) Explain with example :—
(1) Font class
(2) Color class. 8
9. (A) What do you mean by exception handling ? Explain try and catch by using example. 8
(B) Explain :—
(1) isAlive ()
(2) join (). 8

OR

10. Explain with constructors :—
(1) Button
(2) TextField
(3) List
(4) Scrollbar. 16

