

Reg. No. _____ Name: _____

APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY
SECOND SEMESTER MCA DEGREE EXAMINATION, DEC 2018

Course Code: RLMCA102
Course Name: OBJECT ORIENTED PROGRAMMING

Max. Marks: 60

Duration: 3 Hours

PART A

Answer all questions, each question carries 3 marks

1. What is JVM?
2. Why main method is static?
3. How inheritance can increase efficiency?
4. What is the use of super keyword?
5. What is a package?
6. Compare throw and throws.
7. What is a stream?
8. How a parameter can be passed to an applet program?

PART B

Answer all questions. Each question carries 6 marks

Module 1

9 a. Explain the importance and advantages of Java.

OR

b. What is a constructor? Can a constructor be overloaded?

Module 2

10 a. Explain different types of inheritance with example.

OR

b. Explain overriding in Java with the help of suitable programme.

Module 3

11 a. What is an array? Write a program to sort values in an array.

OR

b. What is an interface? How it can be defined and implemented in Java?

Module 4

12 a. When a user defined exception is created and how it is invoked?

OR

b. When thread synchronization is needed?

Module 5

13 a. Write a program to append information to a file.

OR

b. What is Random Access File? Explain.

Module 6

14 a. What is the difference between applet programming and application programming?

OR

b. Compare TCP and UDP.
