

S.B. Roll No.....

**JAVA PROGRAMMING**  
**5<sup>th</sup> Exam/COMP/IT/CSE/4629/May'18**

**Duration: 3Hrs.**

**M.Marks:75**

**SECTION-A**

**Q1. Do as directed.**

**15x1=15**

- a. The smallest integer type in java is \_\_\_\_\_.
- b. \_\_\_\_\_ can also be overloaded.
- c. There are \_\_\_\_\_ types of java applications.
- d. JDBC stands for \_\_\_\_\_.
- e. An array object contains a number of \_\_\_\_\_.
- f. Errors are typically ignored in the code.(T/F)
- g. For loop has four parts.(T/F)
- h. Every class inherits finalize () method from object class .(T/F)
- i. Package provide a way to hide the classes.(T/F)
- j. The code section in JVM contains your byte code.(T/F)
- k. Encapsulation is also referred to as \_\_\_\_\_
- l. Errors are typically ignored in \_\_\_\_\_
- m. An interface is not a \_\_\_\_\_
- n. There are \_\_\_\_\_ ways to create thread in java.
- o. \_\_\_\_\_ are small java programs developed for internet applications.

**SECTION-B**

**Q2. Attempt any six questions.**

**6x5=30**

- i. Difference between Java and C++?
- ii. What are two dimensional arrays? Explain with an example.
- iii. What do you understand by variable declaration?
- iv. Why java is both compiled and interpreted language?
- v. What is the use of constructor in program?
- vi. What is an interface? Explain with example?
- vii. Write the features of Java?
- viii. What is the purpose of exception handling?

**SECTION-C**

**Q3. Attempt any three questions.**

**3x10=30**

- a. Explain Multilevel Inheritance and Hierarchical Inheritance with example.
- b. Explain the life cycle of thread with example.
- c. Explain Class and Constructor concept with example.
- d. What is applet? Explain applet life cycle with example.
- e. Explain Java Control Statements with example.