S.B. Roll No...

JAVA PROGRAMMING
5th Exam/IT/CSE/Comp/4629/Nov'18

Duration: 3Hrs.   **M.Marks:75**

SECTION-A

Q1. a) Do as directed.   **10x1.5=15**

   i.   _____ is a collection of objects of similar type.

   ii.   The process of defining new class of an existing class is called_____.

   iii.   Java is case sensitive language. (T/F)

   iv.   Constructor can be overloaded like regular methods. (T/F)

   v.   Define Polymorphism.

b) Expand the following acronyms.

   vi.   JDK

   vii.   API

   viii.   GC

   ix.   JVM

   x.   JIT

SECTION-B

Q2. Attempt any six questions.   **6x5=30**

   a.   Explain various features of java?

   b.   How java works. Explain?

   c.   Why garbage collection is required in java?

   d.   Explain the term JVM? Why it is used?

   e.   What is the use of JDBC in java?

   f.   Explain various data types available in java?

   g.   What is inheritance? What are its types?

   h.   Explain the use of throw statement with example?

SECTION-C

Q3. Attempt any three questions.   **3x10=30**

   i.   Explain java control statement with example.

   ii.   How applets are created and executed in java?

   iii.   Write method of creating and running threads in java.

   iv.   What is an Interface? How it is defined and implemented?

   v.   Write short notes on the following.

      a) Array   b) Constructor