

247-N

**B. A./B. Com./B. Sc. (Part III)  
EXAMINATION, 2018**

(New Course)

(Vocational Course)

COMPUTER APPLICATIONS

Paper First

(Java Programming)

Time : Three Hours ] [ Maximum Marks : (B. A./B. Com. : 50  
B. Sc. : 75

Note : Attempt questions from all Sections as directed

Inst. : The candidates are required to answer only in serial order. If there are many parts of a question, answer them in continuation.

**Section—A**

(Short Answer Type Questions)

Note : For B.A /B.Com attempt any six questions and for B.Sc All questions are compulsory. Each question carries 3 marks.

1. (A) What is the difference between C++ and Java ?

- (B) List and explain the features of Java
- (C) Write a program in java to calculate the prime number between 1 to 1000
- (D) What is the use of Super keyword ? Explain with example
- (E) What is JVM ?
- (F) What is the purpose of finalized method
- (G) Explain try-catch block used in exception handling.
- (H) What is HTTP request and HTTP response ?
- (I) What is the difference between the sleep() and wait() methods ?

**Section—B**

(Long Answer Type Questions)

Note : Attempt any two questions. Each question carries 8/12 marks

- 2. What are the basic data types in Java Language ?
- 3. Define inheritance with its types in java programming.
- 4. Write a program for testing a string whether it is a palindrome or not.
- 5. What is a java exception ? Explain the exception handling mechanism with an example