

Roll No.310.....

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**M. Sc. Computer Science 4th Sem. CBCS
Examination – May, 2019**

JAVA PROGRAMMING

Paper : 17MCS24C1

Time : Three Hours]

[Maximum Marks : 80

Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.

Note : Attempt *five* questions in all, selecting *one* question from each Unit. Question No. 1 is *compulsory*. All question carry equal marks

1. (a) What is java Token ?
- (b) What is inheritance ?
- (c) What is CLASSPATH ?

- (d) What is Polymorphism ?
- (e) Define thread priority.
- (f) What is Methods ?
- (g) Why AWT is platform dependent ?
- (h) What is Panel ?

UNIT - I

- 2. (a) Describe the structure of a typical Java Program.
 - (b) Explain various feature of Java programming Language.
3. Explain various expression and operators available in Java with example.

UNIT - II

4. What is Exception ? List some of the most common type of exception that might occur in Java. Explain how to deal with exception.

5. (a) What do you mean by interface ? How interface differ from multiple inheritance ?
- (b) What is Package ? how to create and access a Package ?

UNIT – III

6. What is multithreading ? Explain life cycle of a thread with java code example. Also explain inter- thread communication.
7. (a) What is an applet ? Describe the different stages in the life cycle of an applet.
- (b) Write applets to draw circle inside a square.

UNIT – IV

8. (a) What is AWT ? Discuss various component of AWT.