

Roll No.

12087

MBA 2 Year 4th Semester

Examination – May, 2019

PROGRAMMING IN JAVA

Paper : 17IMG24GT2

Time : Three Hours]

[Maximum Marks : 50

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. Question No. 1 in Section – A is *compulsory*. Attempt *four* questions from Section – B selecting *one* question from each Unit.

SECTION – A

1. (a) Define class and object in java.
- (b) Support the statement "java is Architecture-Neutral."
- (c) How java supports multiple inheritance ?
- (d) What are the differences between applet and application programs' ?
- (e) Compare inheritance with polymorphism.

SECTION - B

UNIT - I

2. (a) Discuss the Structure of a java program with the help of an example.
(b) Give a brief note on Java Virtual Machine.
3. (a) Describe method of overloading with an example.
(b) Why is JAVA platform independent language ? Explain.

UNIT - II

4. What is an exception ? Explain exception handling in java with examples.
5. (a) What is a thread? Discuss about creation of threads.
(b) How to create packages and use them in java ?

UNIT - III

6. (a) What is applet ? Discuss about applet structure.
(b) Write an applet program to enter personal details.
7. What is an Applet ? How do applets differ from application programs ? Discuss the steps involved in loading and running a remote applet.

12087- (P-3)(Q-9)(19) (2)

UNIT - IV

8. (a) What is AWT ? List difference between AWT and swings (6M)
(b) Discuss about different layout managers with neat diagrams.
 9. Discuss different Layout managers. What is the significance of Layout managers ?
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12087- (P-3)(Q-9)(19) (3)