

MBA 2 Year 4th Semester Examination,

May-2018

PROGRAMMING IN JAVA

Paper- 17IMG24GT2

Time allowed : 3 hours]

[Maximum marks : 50

*Note : Attempt all five parts of the question in Section-A.
Attempt four questions selecting one question from
each unit in Section-B. All questions carry equal
marks. <http://www.HaryanaPapers.com>*

Section-A

1. Explain the following :
 - (a) JAVA virtual machine
 - (b) Data types in JAVA
 - (c) Packages in JAVA programming
 - (d) Local applet
 - (e) Abstract Window Toolkit.

Section-B

Unit-I

2. Outline the brief history of JAVA. What are its main features ? Discuss the contribution of JAVA to WWW. Also, give a brief description of Java environment.

3. (a) What are JAVA tokens ? Explain various types of tokens supported by JAVA programming.
- (b) Illustrate the looping structures used in JAVA programming language.

Unit-II

4. What do you mean by a method in Java programming ? Use suitable examples to illustrate overloading and overriding methods.
5. What do you understand by exception handling in JAVA ? Explain the use of multiple "catches" in a JAVA program. What happens if a user does not "try" and "catch" an exception ? <http://www.HaryanaPapers.com>

Unit-III

6. What is applet programming ? What are the different states of an applet life cycle ? How can we create an executable applet ? Explain.
7. (a) How many arguments can be passed to an applet using <PARAM> tags ?
- (b) Illustrate I/O basics by writing a simple JAVA program.

Unit-IV

8. (a) Illustrate any five string handling methods used in JAVA Programming.
- (b) Write the source code for creating a frame window in an applet.
9. (a) Explain various controls supported by Abstract Window Toolkit along with their syntaxes.
- (b) Illustrate various standard layout managers provided by AWT in JAVA programming.

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