

SUBJECT: ADVANCED JAVA

Day : - Wednesday
Date : 10/04/2019

S-2019-1156

Time: 03.00 PM TO 05.00 PM
Max. Marks: 40

N. B.:

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Draw neat diagrams **WHEREVER** necessary.
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Q.1 Answer **ANY TWO** of the following: **(10)**

- a) Write a Java Program to display username and password in textbox using applet.
- b) Explain BufferedWriter and BufferedReader classes in detail.
- c) Describe different types of Events in Java.

Q.2 Answer **ANY TWO** of the following: **(10)**

- a) Explain grid layout with suitable example.
- b) Draw and explain life cycle of an Applet.
- c) Explain following swing components:
 - i) JTable
 - ii) JComboBox

Q.3 Answer **ANY TWO** of the following: **(10)**

- a) Differentiate between AWT and swing.
- b) Describe the life cycle of a thread.
- c) Explain flow layout with suitable example.

Q.4 Answer **ANY FIVE** of the following: **(10)**

- a) Define Synchronization.
- b) What is an event?
- c) List two constructors of JCheckBox class.
- d) What is the use of FileInputStream class?
- e) Write any four methods of Label Control used in AWT.
- f) What is the use of Panel?
- g) Write the methods of Graphics class used in AWT.

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