

T.Y. B. SC. (Computer Science) SEM –VI (CBCS - 2016 COURSE) :

SUMMER - 2019

SUBJECT: ADVANCE JAVA

Day: Monday
Date: 15/04/2019

Time: 03.00 PM TO 06.00 PM
Max. Marks: 60

S-2019-1116

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labelled diagrams **WHEREVER** necessary.

Q.1 Attempt any **TWO** of the following: **(12)**

- a) Elaborate Event handling delegation model.
- b) Explain swing hierarchy in detail.
- c) Illustrate Grid Layout with proper example.

Q.2 Attempt any **TWO** of the following: **(12)**

- a) Describe thread priorities with suitable example.
- b) Write a java program to display student records in table using swing.
- c) Explain Input Stream class methods with proper example.

Q.3 Attempt any **TWO** of the following: **(12)**

- a) Explain synchronization with suitable example.
- b) Write applet program to draw bar chart.
- c) Explain the JCheckBox and JRadioButton using swing.

Q.4 Attempt any **THREE** of the following: **(12)**

- a) Compare between applets and java application.
- b) Write a java program to display welcome message on applet.
- c) Write a note on threading.
- d) Explain Label class methods in awt.

Q.5 Attempt any **FOUR** of the following: **(12)**

- a) What is a file?
- b) Write Output Stream class methods.
- c) Compare between awt and swing.
- d) Write List class methods in awt.
- e) Write a note on runnable interface in multithreading.
- f) Write types of applet.

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