

Roll No.

Total No. of Questions : 13]

[Total No. of Pages : 02

Paper ID [A0418]

(Please fill this Paper ID in OMR Sheet)

M.Sc. IT (404) (New / S05) (Sem. - 4th)

ADVANCED JAVA DEVELOPMENT

Time : 03 Hours

Maximum Marks : 75

Instruction to Candidates:

- 1) Section - A is **Compulsory**.
- 2) Attempt any **Nine** questions from Section - B.

Section - A

(15 x 2 = 30)

Q1)

- a) List the most popular AWT classes.
- b) Display the text “Hello to Java” in a web page.
- c) Write how event handling works for creating applets and applications.
- d) Write about CODE, WIDTH and HEIGHT attribute of applet.
- e) Differentiate between Paint and repaint methods.
- f) List the methods of the CheckboxGroup class.
- g) Describe are the two ways to create new threads.
- h) How can be join the threads?
- i) Which are the two types of sockets in Java?
- j) What is Bart?
- k) What do you understand by JDBC-ODBC bridge?
- l) Which are the three types of JDBC that related to the time?
- m) What is new in Servlet 2.4?

- n) Which are the new classes added in Servlet 2.4?
- o) What is Servlet API?

Section - B

(9 x 5 = 45)

- Q2)** List some of the methods of the AWT component class.
- Q3)** List the methods of the applet classes.
- Q4)** List some of the drawing graphics methods in the applet.
- Q5)** Which kind of events are handled by event listener?
- Q6)** Draw the inheritance diagram for FileOutputStream and FileInputStream.
- Q7)** Write about the working of reader and writer class.
- Q8)** Give example to create a thread with the thread class.
- Q9)** Write about the three IP addressing classes that are provided for internet addressing.
- Q10)** Write the URI syntax and its components.
- Q11)** Write the types of JDBC drivers and their properties.
- Q12)** Write the steps for creating an RMI system.
- Q13)** What are the key features of Java Servlet?

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