

AQ - 1044

**Third Semester M. Sc. (Part-II) (CBCS)
Examination**

COMPUTER SOFTWARE

**Paper - X
(Advanced Java)**

P. Pages : 3

Time : Three Hours]

[Max. Marks : 80

- Note :** (1) Each Question carry equal marks.
(2) Assume suitable data wherever necessary.
(3) Due credit will be given to neatness and adequate dimensions.

1. (A) State and explain the life cycle of an applet. 8
(B) Explain the AWT component class. 8

OR

2. (A) Describe Event listener interfaces. 8
(B) Create an applet to draw the circle and ellipse. 8

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P.T.O.

3. (A) What is package ? Explain how package can be created ? Explain with example. 8
(b) Explain RMI Architecture. 8

OR

4. (A) Describe the purpose of server socket class. 8
(B) How do RMI clients contact remote RMI server ? Explain. 8
5. (A) What is Java Beans ? Explain the Bean persistence property. 8
(B) What is multithreading ? Explain different ways of creating threads. 8

OR

6. (A) What is thread priority ? How can it be changed ? Explain. 8
(B) What is BDk ? Explain. 8

7. (A) Explain :—
(1) Tree
(2) Table. 8

- (B) Explain with example, how swing Applet can be created. 8

OR

8. (A) Explain :—
(1) Combo Box
(2) Text Field. 8
(B) Write a program for simple arithmetic calculation using swing. 8
9. (A) State and explain servlet life cycle. 8
(B) Explain in brief HTTP session methods. 8

OR

10. (A) Explain Servlet API. 8
(B) How do you redirect a request to other resources in a Servlet ? Explain with example. 8

