

Total No. of Questions : 4]

SEAT No. :

PB126

[6269]-340

[Total No. of Pages : 2

**T.E. (Electronics/ E & TC) (Insem)
ADVANCED JAVA PROGRAMMING
(2019 Pattern) (Semester - II) (Elective - II) (304195 C)**

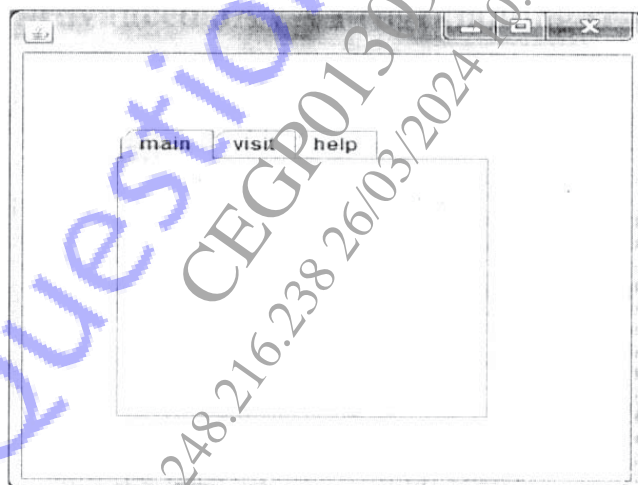
Time : 1 Hour]

[Max. Marks : 30

Instructions to the candidates:

- 1) Solve Q.1 or Q.2 and Q.3 or Q.4.
- 2) Figures to the right side indicate full marks.
- 3) Assume suitable data, if necessary.

- Q1)** a) Explain the use of get Document Base() and get Code Base() in Applets. [5]
- b) What is an apple? Write a program to create an applet to dispaly a message "Advanced Java Programming". [5]
- c) Write a Java program for the following output using JT abbed Pane. [5]



OR

- Q2)** a) Describe following attributes of applet [5]
- i) CODE
 - ii) CODEBASE
 - iii) ALIGN
- b) Write a Java program that enables users to choose any one city name Pune, Mumbai, Delhi using Combo Box. [5]
- c) How to pass parameter to an applet? Write an applet to accept user name in the form of parameter and print 'Welcome <user name>'. [5]

P.T.O.

- Q3)** a) Explain AWT class hierarchy. [5]
b) What is Inner classes? Explain its types. [4]
c) What is layout manager? List various layout used in Java. Explain Card layout in detail. [6]

OR

- Q4)** a) Describe the step to use the delegation event model with example. [5]
b) Explain any two user interface components. [4]
c) Compose a Java Program to draw rectangle using AWT graphics object. [6]

