

Q.6 Gagan want to simulate a button's (namely CalBtn) click event, without any mouse activity from user's side. What method she would use? (1)

Q.7 Design a Java **NetBeans** interface which will accept a password 'opjs1234' from the user and check. For a valid entry, it will open a frame namely **welcomeFRM** else display a warning message "Invalid Password". (2)

Q.8 Write code to display the following. (4)

a) 4 3 2 1 b) A
 4 3 2 AAA
 4 3 AAAAA
 4 AAAAAAA

Q.9 Vijaya has designed a GUI application to gather the data regarding the rank and prize amount won by different team in an annual sports meet. Now she wishes to make the following changes to the application she designed:

The screenshot shows a GUI application with the following components:

- A text field labeled "TEAM NAME" with a rectangular input box.
- A table with three columns: "PARTICIPATED IN", "RANK", and "PRIZE AMOUNT".
- Under "PARTICIPATED IN", there are four checkboxes: "BASKET BALL", "FOOT BALL", "VOLLY BALL", and "HOCKEY".
- Under "RANK", there are four empty text input boxes.
- Under "PRIZE AMOUNT", there are four empty text input boxes.
- To the right of the table is a large empty rectangular text area.
- At the bottom, there are two buttons: "CALCULATE PRIZE AMOUNT" and "CLEAR".
- Below the buttons is a long empty text field.

a) The text field for rank should be enabled only if the corresponding checkbox is checked. (2)

b) The text field for prize amount should be enabled only if the corresponding rank is in range 1 – 3. (2)

c) When the user clicks the command button Calculate Prize Amount, the total prize amount should be displayed in msgLabel and all the details like sports name, rank, prize amount should be appended to text area for each selected sports (2)

d) When the user clicks the clear button, the form should be restored to its default state. (2)

Q.10 Given a string object named "Pay" having value as "68000" stored in it. Obtain the output of the following: (2)

```
JOptionPane.showMessageDialog(null, "" + Pay.length()+Integer.parseInt(Pay));
```

PRACTICAL ASSIGNMENT. (20)

