

浙大20秋JAD W6作业

✂ 判断题 3	A. 单选题 19
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2-1 What best describes the appearance of an application with the following code? (2分)

```
public class App extends JFrame{
    public static void main(String argv[]){
        App app=new App();
        app.setLayout(new FlowLayout());
        app.pack();
        app.setVisible(true);
    }
    App(){
        add(new JButton("One"));
        add(new JButton("Two"));
        add(new JButton("Three"));
        add(new JButton("Four"));
    }
}
```

- ☐ A. A frame with buttons marked One to Four placed at each edge
- ☒ B. A frame with buttons marked One to Four placed one by one
- ☐ C. A frame with one large button marked Four in the Centre
- ☐ D. A frame with buttons marked One to Four placed in grids

2-1 答案正确 (2 分)

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2-2 To use a JTable, which class below is a nessasary? (2分)

- ☒ A. AbstractTableModel
- ☐ B. JFrame
- ☐ C. ActionListener
- ☐ D. JTableContent

2-2 答案正确 (2 分)

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2-3 Which one of the following containers must be added to another container? () (2分)

- ☐ A. Window
- ☐ B. Dialog
- ☐ C. Frame
- ☒ D. Panel

2-3 答案正确 (2 分)

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2-4 With which layout manager, for a frame changing its size, a button in it could remain its height and width. (2分)
()

- ☒ A. FlowLayout
- ☐ B. CardLayout
- ☐ C. North and South of BorderLayout
- ☐ D. East and West of BorderLayout

2-4 答案正确 (2 分)

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2-5 Which option is to display a dialog like below? (2分)



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- ☐ A. JOptionPane.ALL_OPTION
- ☐ B. JOptionPane.YES_NO_OPTION
- ☒ C. JOptionPane.YES_NO_CANCEL_OPTION
- ☐ D. JOptionPane.OK_CANCEL_OPTION

2-5 答案正确 (2 分)

2-6 How do you indicate where a component will be positioned using BorderLayout? (2分)

- ☐ A. Pass an X/Y percentage parameter to the add method
- ☐ B. Assign a row/column grid reference
- ☐ C. Do nothing, the BorderLayout will position the component
- ☒ D. North, South, East, West, and Center

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2-6 答案正确 (2 分)

2-7 Which one below is NOT a valid area designation for the BorderLayout? (2分)

- ☐ A. NORTH
- ☐ B. CENTER
- ☒ C. MIDDLE
- ☐ D. EAST

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2-7 答案正确 (2 分)

2-8 What best describes the appearance of an application with the following code? (2分)

```
public class FlowAp extends Frame{
    public static void main(String argv[]){
        FlowAp fa=new FlowAp();
        fa.setLayout(new GridLayout());
    fa.add(new Button("One"));
        fa.add(new Button("Two"));
        fa.add(new Button("Three"));
        fa.add(new Button("Four"));
        fa.setSize(800,600);
        fa.setVisible(true);
    }
}
```

- ☐ A. A window with buttons marked One to Four placed on each edge.
- ☐ B. A window with buttons marked One to Four placed from the top to bottom.
- ☐ C. A window with one large button marked Four in the center.
- ☒ D. A window with buttons marked One to Four occupy a quarter of the window evenly.

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2-8 答案正确 (2 分)

2-9 About layout manager in AWT and Swing, which one below is correct? (2分)

- ☐ A. `FlowLayout` is the default layout manager of `Frame`.
- ☒ B. `GridLayout` divides the whole space into even pieces.
- ☐ C. It is not possible to specify coordinates of component regardless the effect of any layout managers.
- ☐ D. Every place in a `BorderLayout` has to be fill with a component, or it will leave blank.

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2-9 答案正确 (2 分)

2-10 What best describes the appearance of an application with the following code? (2分)



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2-10

```
public class FlowAp extends Frame{
    public static void main(String argv[]){
        FlowAp fa=new FlowAp();
        fa.setLayout(new FlowLayout());
        fa.add(new Button("One"));
        fa.add(new Button("Two"));
        fa.add(new Button("Three"));
        fa.add(new Button("Four"));
        fa.pack();
        fa.setVisible(true);
    }
}
```

☐ A. A window with buttons marked One to Four placed on each edge.

☒ B. A window with buttons marked One to Four placed from the top to bottom.

☐ C. A window with one large button marked Four in the center.

☐ D. A window with buttons marked One to Four occupy a quarter of the window evenly.

2-11

What best describes the appearance of an application with the following code? (2分)

```
public class FlowAp extends Frame{
    public static void main(String argv[]){
        FlowAp fa=new FlowAp();
        fa.setSize(400,300);
        fa.setVisible(true);

    }

    FlowAp(){
        add(new Button("One"));
        add(new Button("Two"));
        add(new Button("Three"));
        add(new Button("Four"));
    }
}
```

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- ☐ A. A Frame with buttons marked One to Four placed on each edge.
- ☐ B. A Frame with buttons marked One to four running from the top to bottom
- ☒ C. A Frame with one large button marked Four in the Centre
- ☐ D. An Error at run time indicating you have not set a LayoutManager

2-11 答案正确 (2 分)

2-12

Which of the following layout managers will respect all dimensions of a component' s preferred size? (2分)

☒ A.

FlowLayout

☐ B.

GridLayout

☐ C.

BorderLayout

☐ D. None of the above

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2-12 答案正确 (2 分)

2-13

How do you indicate where a component will be positioned using Flowlayout? (2分)

☐ A. North, South,East,West

☐ B. Assign a row/column grid reference

☐ C. Pass a X/Y percentage parameter to the add method

☒ D. Do nothing, the FlowLayout will position the component

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2-13 答案正确 (2 分)

2-14

What most closely matches the appearance when this code runs? (2分)

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2-14

```
public class Complay extends Frame{
public static void main(String argv[]){
    Complay c1 = new Complay();
    Complay() {
        Panel p = new Panel();
        p.setBackground(Color.pink);
        p.add(new Button("One"));
        p.add(new Button("Two"));
        p.add(new Button("Three"));
        add("South",p);
        setLayout(new FlowLayout());
        setSize(300,300);
    }
}
```

A. The buttons will run from left to right along the bottom of the Frame

B. The buttons will run from left to right along the top of the frame

C. The buttons will not be displayed

D. Only button three will show occupying all of the frame

2-15 Which of the following are correct, if you compile the following code? (2分)

```
public class CloseWindow extends Frame implements WindowListener {

    public CloseWindow() {
        addWindowListener(this); // This is listener registration
        setSize(300, 300);
        setVisible(true);
    }

    public void windowClosing(WindowEvent e) {
        System.exit(0);
    }

    public static void main(String args[]) {
        CloseWindow CW = new CloseWindow();
    }
}
```

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- A. Compile time error
- B. Run time error
- C. Code compiles but Frames does not listen to WindowEvents
- D. Compile and runs successfully

2-15 答案错误 ⓘ (0 分)

2-16 Which is the best way to receive events when a JButton component is selected? (2分)

A. Create an implementation of ButtonListener and add it as a listener to the JButton component by invoking addButtonListener().

B. Create an implementation of ActionListener and add it as a listener to the JButton component by invoking addActionListener().

C. Subclass ActionAdapter and override the actionPerformed() method. Then, add an instance of the subclass as a listener to the JButton component by invoking addActionListener().

D. Subclass MouseAdapter and override the mouseClicked() method. Then, add an instance of the subclass as a listener to the JButton component by invoking addMouseListener().

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2-16 答案正确 (2 分)

2-17 How can a programmer add a separator to a Menu? Assume there is a `Menu` object called `myMenu` . (2分)

A. `myMenu.add(Menuitem.SEPARATOR);`

B. `myMenu.add(new Menuitem("-"));`

C. `myMenu.addSeparator();`

D. `None of the above();`

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2-17 答案正确 (2 分)

2-18 Which of the following is used to display text on GUI? (2分)

A. `Label`

B. `String`

C. `CheckBox`

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2-19 Which method below is to be executed only once during a lifecycle of an Applet （2分）

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- ☒ A. init()
- ☐ B. paint()
- ☐ C. run()
- ☐ D. repaint()

2-19 答案正确 （2 分）

