



PROGRAMMING IN JAVA

Assignment8

TYPE OF QUESTION: MCQ

Number of questions: 10

Total mark: $10 \times 1 = 10$

QUESTION 1:

Which of the following is **NOT** a class of **java.awt** package?

- a. Button
- b. Component
- c. Dialog
- d. Paint

Correct Answer: d

Detailed Solution:

Paint is the interface of the **java.awt** package.

QUESTION 2:

Which of the following is/are **NOT** an exception of **java.awt** package?

- a. AWTError
- b. AWTException
- c. FontFormatException
- d. all of these

Correct Answer: a

Detailed Solution:

AWTError is error of **java.awt** package.

QUESTION 3:

Which of the following method is/are a class button of **java.awt** package ?



- a. `paint(Graphics g)`
- b. `setLabel(String label)`
- c. `getCurrent()`
- d. `getItem(int index)`

Correct Answer: b

Detailed Solution:

`setLabel(String label)` method Changes this button's label to be the String argument.

QUESTION 4:

Which of the following container does not contain titlebar and menubar ?

- a. window
- b. panel
- c. container
- d. frame

Correct Answer: b

Detailed Solution:

Panel does not contain titlebar and menubar.

QUESTION 5:

Which package provides many event classes and Listener interfaces for event handling?

- a. `java.awt.activeevent`
- b. `java.awt.event`
- c. `java.awt.listener`
- d. none of these

Correct Answer: b

Detailed Solution:

The class Event is declared in `java.awt.event` package which is used for event classes and Listener interfaces for event handling.



QUESTION 6:

What is the name of the method used to get the current font of an graphic in `java.awt.graphics`?

- a. `abstract FontMetrics getFontMetrics(Font f)`
- b. `abstract Font getFont()`
- c. `FontMetrics getFontMetrics()`
- d. None of these

Correct Answer: b

Detailed Solution:

`abstract Font getFont()` method of `graphics` class get the current font of the graphics when it is occurred.

QUESTION 7:

Which of the following method remove all items from scrolling list in `java.awt.list`?

- a. `hide()`
- b. `clear()`
- c. `remove()`
- d. None

Correct Answer: b

Detailed Solution:

`clear()` in `java.awt.list` is used for remove all items from scrolling list.

QUESTION 8:

Which of the following statement is true about the `update()` in `java.awt` package?

- a. Sets the color of the graphics context to be the foreground color of this component.
- b. Calls this component's paint method to completely redraw this component.
- c. Clears this component by filling it with the background color.
- d. All of these.

Correct Answer: d



Detailed Solution:

update() perform all of these in java.awt package.

QUESTION 9:

Which of the following methods can be used to return the current size of a `java.awt.Component` object?

- a. dimension()
- b. setSize()
- c. area()
- d. size()
- e. resize()

Correct Answer: d

Detailed Solution:

size() can be used to return the current size of a component.

QUESTION 10:

When we invoke `update()` for a `java.awt.Component` object, the AWT invokes which of the following method ?

- a. show()
- b. draw()
- c. paint()
- d. repaint()

Correct Answer: c

Detailed Solution:

The `repaint()` method calls automatically `update()` method and in turn `update()` method calls `paint()` method.
