

Question Bank : Advanced Java Programming (9165)

Class : TYIF / TYCM / TYCO (IF-CM-CO/VI/C)

Chapter No. 04 The Tour of Swing

Answer the following questions:

(Note: Only one answer is correct).

1. In which package Swing components are defined?
 - a) javax.applet.swing
 - b) javax.swing
 - c) java.javax.swing
 - d) javax.java.swing

2. The super class of all swing buttons is –
 - a) Button
 - b) ButtonGroup
 - c) JButton
 - d) AbstractButton

3. Which of the following alignment is not possible for JLabel?
 - a) TOP
 - b) LEFT
 - c) CENTER
 - d) LEADING

4. Alignment constants of JLabel are the part of –
 - a) SwingConstants interface
 - b) SwingConstants class
 - c) Swing class
 - d) Graphics class

5. How will you set icon for the JLabel?
 - a) Using Icon class directly
 - b) Using setIcon() method
 - c) Using makeIcon() method
 - d) It is not possible to set icon for JLabel

6. Swing's text field is encapsulated by –
 - a) Component class
 - b) JComponent class
 - c) Container class
 - d) JTextComponent class

7. How to give number of columns for JTextField?
 - a) Use setColumns() method
 - b) Use the value directly in the constructor
 - c) Using applyColumn() method.
 - d) We have to use JTextArea class

8. What is the return type of getText() method of JButton class?
 - a) void
 - b) String
 - c) Character array
 - d) There is no such method

9. How will you assign the string and icon both to the JButton?
 - a) It is not possible
 - b) Use the setTextIcon() method
 - c) Use the setIconText() method
 - d) Intialize them directly in the constructor

10. Which event is generated when a JButton is pushed?
 - a) ItemEvent
 - b) TextEvent
 - c) PushEvent
 - d) ActionEvent

11. Immediate super class of JCheckBox is –
 - a) JComponent
 - b) JApplet
 - c) JCkeckBoxGroup
 - d) JToggleButton

12. The constructor JCheckBox(true, "YES") suggests that –
 - a) Checkbox is selected and displays the string "YES" on it.
 - b) Checkbox is deselected and displays the string "YES" on it.
 - c) Checkbox is selected and it shows the tick always on it.
 - d) There is no such constructor.

13. When JCheckBox is clicked the _____ event is generated.
 - a) ItemEvent
 - b) ActionEvent
 - c) TextEvent
 - d) MouseEvent

14. How can we create Radio buttons?
 - a) Using ButtonGroup class
 - b) Using JCheckboxGroup class

- c) Using JRadioButton class
 - d) Using JButton class
15. How to make the group of Radio buttons?
- a) Using ButtonGroup class
 - b) Using JButtonGroup class
 - c) Using JRadioButton
 - d) Using AbstractButton class
16. How to contents of whole vector into the JComboBox?
- a) Use the constructor of JComboBox
 - b) Use method addItem()
 - c) Use method addVector()
 - d) Use method addValues()
17. How to prevent the drop-down list of JComboBox?
- a) It is not possible
 - b) We can use method preventDropMenu() method
 - c) Directly give the value 'false' in the constructor
 - d) Use setList() method.
18. Which method is used to define the tabs in the tabbed pane?
- a) add()
 - b) addItem()
 - c) addPane()
 - d) addTab()
19. The scroll bar constants for scroll pane are defined in –
- a) Scrollbar class
 - b) ScrollPane class
 - c) ScrollPaneConstants class
 - d) Component class
20. Which of the following constants shows scroll bars always?
- a) HORIZONTAL_SCROLLBAR_ALWAYS
 - b) HORIZONTAL_SCROLLBAR_AS_NEEDED
 - c) HORIZONTAL_SCROLLBARS
 - d) HORIZONTAL_ALWAYS
21. JScrollPane is an immediate sub-class of –
- a) JContainer
 - b) JApplet
 - c) JComponent
 - d) ScrollPane

22. Is it possible to add array of objects to trees? How?
 - a) Not possible
 - b) Yes, using its one of the forms of constructor
 - c) Yes, using the add() method
 - d) Yes, using the addItem() method

23. Which items we can't directly add to JTree using its constructor?
 - a) Array of objects
 - b) Vector
 - c) Hash table
 - d) Arrays

24. When tree is expanded, which event is generated?
 - a) ExpansionEvent
 - b) TreeExpansionEvent
 - c) ItemEvent
 - d) ActionEvent

25. Which method is used to translate a mouse click on a specific point of the tree to a tree path?
 - a) translatePoint()
 - b) getLocation()
 - c) getPathForLocation()
 - d) getPath()

26. The TreeNode is –
 - a) A class
 - b) An interface
 - c) A variable
 - d) Nothing

27. The TreeExpansionEvent class is defined in –
 - a) java.awt package
 - b) javax.swing package
 - c) java.awt.event package
 - d) javax.swing.event package

28. TreeExpansionListener interface provides following method –
 - a) getExpanded()
 - b) treeExpanded()
 - c) expanded()
 - d) None of the above

29. How to create for Vector elements?
 - a) Pass vector as parameter for JTree

- b) Use method `addElement()` for `JTree` class.
 - c) Use method `addVector()` method of `JComponent` class
 - d) It is not possible
30. Which two parameters are required for `JTree` constructor to create a tree?
- a) Data array and Row Headings
 - b) Data array and Column Headings
 - c) Single data element and Column heading
 - d) Single data element and Row heading
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