1. What is the role of flush() method ?

   ○ To flush your local disk

   ○ To force writes ✓

   ○ To avoid specific data read

   ○ above all.

2. What can cause a thread to become non-runnable?

   ○ Exiting from a synchronized block.

   ○ Calling the wait method on an object. ✓

   ○ Calling the notify method on an object.

   ○ Calling the notifyAll method on an object

3. Which of the following is the default priority of Thread?

   ○ MIN_PRIORITY

   ○ MAX_PRIORITY

   ○ NORM_PRIORITY ✓

4. Which of the following is false statement?

   ○ Queues store objects that are processed in a first-in, last-out fashion. ✓

   ○ Stacks store objects that are processed in a last-in, first-out fashion.

   ○ Queues store objects that are processed in a first-in, first-out fashion

5. Which of the following are correct related to Thread?

   ○ There are three types of thread. ✓

○ The garbage collection is marked as a max-priority thread.

○ By calling start method thread doesn't start its execution immediately. it just makes it eligible to run.

6. Which of the followings is the correct syntax for declaring an element in a DTD?

○ <!ELEMENT name (#PCDATA)>

○ <!ELEMENT type name (#ADATA)>

○ <!ELEMENT type name (#BDATA)>

○ <!ELEMENT name #CDATA>

7. What do you mean by binary search?

○ first compares the key with the element in the middle of the array

○ first compares the key with the element at the end of the array

○ first compares the key with the element at the beginning of the array

8. Which of the following methods are defined in MouseMotionlistener Interface?

○ mouseMoved(MouseEvent e)

○ mouseDragged(MouseEvent e)

○ mouseReleased(MouseEvent e)

○ mouseExited(MouseEvent e)

○ Both A & B

9. What method is used to set the layout manager?

○ setLayoutManager()

- ○ addLayout

- ○ setManager()

- ○ setLayout()

10. _____is fully extensible so we can add new tags and new elements to support our application.

- ○ HTML

- ○ XML

- ○ SGML

- ○ WSDL

11. Which of the following is not the method of KeyListener Interface?

- ○ keyTyped(KeyEvent e)

- ○ keyPressed(KeyEvent e)

- ○ keyTyped(KeyEvent e)

- ○ keyMoved(KeyEvent e)

12. Which of the following symbol is used to indicate an item must appear once or more

- ○ |

- ○ ?

- ○ *

- ○ +

13. Which of the following statements apply to an abstract class?

○ An Abstract class declaration must contain the abstract keyword

○ An abstract class cannot contain concrete methods.

○ It can contain zero or more abstract methods.

○ An abstract class cannot contain attribute declarations.

○ Both A & C

14. Why we use namespace?

○ To make unique name

○ To make duplicate name.

○ None

15. Which of the following opens the file "myData.stuff" for Input?

○ DataInputStream dis = new DataInputStream("myData.stuff")

○ FileInputStream fis = new FileInputStream(new BufferedInputStream("myData.stuff"))

○ FileInputStream fis = new FileInputStream("myData.stuff")

16. The process of giving each thread an equal amount of CPU time is called

○ Syncronizing

○ Time-slicing

○ Scheduling

○ None

17. What is the base class of all Swing classes?

○ Object

○ Component

○ JComponent

○ Swing

18. What do you mean by priority queue?

○ In a priority queue, elements are assigned with priorities. When accessing elements, the element with the highest priority is not removed first.

○ In a priority queue, elements are assigned with priorities. When accessing elements, the element with the highest priority is removed first.

○ In a priority queue, elements are not assigned with priorities. When accessing elements, the element with the highest priority is removed first.

19. Which method returns a reference to its content pane?

○ getContentPane()

○ contentPane()

○ framePane()

○ getPane()

20. What do you mean by hashing function ?

○ stores an element in the hash table

○ maps a key to an index in the hash table

21. Which of the following class defines a basic window with no title bar or border?

○ Object

- ⊙ Container
- ⊙ Window ✓
- ⊙ Frame

22. How can you declare CDATA(choose correct one)

- ⊙ Begins with <![CDATA and ends with]!
- ⊙ Begins with <![CDATA [and ends with]] ✓
- ⊙ Begins with <![CDATA and ends with]]
- ⊙

23. How does FlowLayout() set components into the frame?

- ⊙ Starts at the bottom, then right to left in each row.
- ⊙ Starts at the top, then left to right in each row. ✓
- ⊙ Starts at the center, then spirals outward.
- ⊙ Puts the first component in the center, then squeezes the rest in around it.

24. What is the objective of generic ?

- ⊙ Generics make code more optimized and readable
- ⊙ Generics add stability to your code by making more of your bugs detectable at compile time ✓
- ⊙ Generics add stability to your code by making more of your bugs detectable at run time
- ⊙ Generics make code faster

25. Evaluate the following as part of XML dtd script--------
<! ELEMENT customer (name, contact)>

```
<! ELEMENT name (first, last)>
<! ELEMENT contact (address, phone)>
```

Select correct statement from below: ------

○ customer is element but name & contact are attributes

○ customer is element but name & contact are values

○ customer is parent element but name & contact are child

○ customer is child element but name & contact are parents

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