**UNIT-3**

1.Which among these is not a valid access specifier in java [ ]

a) public b)private c)protected d)protect

2. If you dont use any modifier, it is treated as \_\_\_\_\_\_ [ ]

a) public b)default c)protected d)private

3. Conversion of primitive data type into its corresponding wrapper class is known as [ ]

a.autoboxing b.unboxing c.boxing d.autounboxing

4. The automatic conversion of wrapper type into its corresponding primitive type is

known as [ ]

a.autoboxing b.unboxing c.boxing d.autounboxing

5. A java package is a group of similar types of \_\_\_\_\_\_\_\_ [ ]

a) classes b) interfaces c) sub-packages. d)All the mentioned options

6. Java package removes naming collision.(True/False) [ ]

a)Cant be determined b)False c)True

7. Packages can be categorized in to [ ]

a) User defined packages b) Built-in packages c)both a & b d)None

8. Many operating systems use \_\_\_\_\_\_\_\_\_\_to pass configuration information [ ]

to applications.

a) environment variables b)integer variables c)invalid variables d)All the mentioned

9. Java \_\_\_\_\_\_\_is the environment variable where we specify the locations of binaries

(binary executables). [ ]

a)way b)track c)subway d)path

10. Java \_\_\_\_\_\_\_\_\_ is the path for Java application where the classes you compiled

will be available. [ ]

a)subpath b)classpath c)path d)way

**UNIT-4**

1.When does Exceptions in Java arises in code sequence? [ ]  
a) Run Time b) Compilation Time  
c) Can Occur Any Time d) None of the mentioned

2.Which of these keywords is not a part of exception handling? [ ]  
a) try b) finally c) thrown d) catch

3.Which of these keywords must be used to monitor for exceptions? [ ]  
a) try b) finally c) throw d) catch

4.Which of these keywords must be used to handle the exception thrown by try block in some rational manner? [ ]  
a) try b) finally c) throw d) catch

5.Which of these keywords is used to manually throw an exception? [ ]  
a) try b) finally c) throw d) catch

6.Which of the following classes can catch all exceptions which cannot be caught? [ ]  
a) RuntimeException b) Error c) Exception d) ParentException

7.Which of the following is a super class of all exception type classes? [ ]  
a) Catchable b) RuntimeExceptions c) String d) Throwable

8.Which of the following operators is used to generate instance of an exception which can be thrown using throw? [ ]  
a) thrown b) alloc c) malloc d) new

9.Which of the following keyword is used by calling function to handle exception thrown by called function? [ ]  
a) throws b) throw c) try d) catch

10.Which of the following handles the exception when a catch is not used? [ ]  
a) finally b) throw handler c) default handler d) java run time system

11.Which part of code gets executed whether exception is caught or not? [ ]  
a) finally b) try c) catch d) throw

12.Which of the following should be true of the object thrown by a thrown statement? [ ]  
a) Should be assignable to String type  
b) Should be assignable to Exception type  
c) Should be assignable to Throwable type  
d) Should be assignable to Error type

13.Which of these stream contains the classes which can work on character stream? [ ]  
a) InputStream b) OutputStream c) Character Stream d) All of the mentioned

14.Which of these class is used to read characters in a file? [ ]  
a) FileReader b) FileWriter c) FileInputStream d) InputStreamReader

15.Which of these method of FileReader class is used to read characters from a file? [ ]  
a) read() b) scanf() c) get() d) getInteger()

16.Which of these class can be used to implement the input stream that uses a character array as the source?  
a) BufferedReader [ ]  
b) FileReader  
c) CharArrayReader  
d) FileArrayReader

17.Which of these classes can return more than one character to be returned to input stream? [ ]  
a) BufferedReader b) Bufferedwriter c) PushbackReader d) CharArrayReader

18.Which of these classes is used for input and output operation when working with bytes? [ ]  
a) InputStream b) Reader c) Writer d) All of the mentioned

19.Which of these class is used to read and write bytes in a file? [ ]  
a) FileReader b) FileWriter c) FileInputStream d) InputStreamReader

20.Which of these is a method to clear all the data present in output buffers? [ ]  
a) clear() b) flush() c) fflush() d) close()

21.Which of these method(s) is/are used for writing bytes to an outputstream? [ ]  
a) put() b) print() and write() c) printf() d) write() and read()

22.String in Java is a? [ ]  
a) class b) object c) variable d) character array

23.Which of these method of String class is used to obtain character at specified index? [ ]  
a) char() b) Charat() c) charat() d) charAt()

24.Which of these method of String class can be used to test to strings for equality? [ ]  
a) isequal() b) isequals() c) equal() d) equals()

25.Which of the following statements are incorrect? [ ]  
a) String is a class  
b) Strings in java are mutable  
c) Every string is an object of class String  
d) Java defines a peer class of String, called StringBuffer, which allows string to be altered

26.Which of these class is used to create an object whose character sequence is mutable? [ ]  
a) String() b) StringBuffer() c) String() &StringBuffer() d) None of the mentioned

27.Which of this method of class StringBuffer is used to concatenate the string representation to the end of invoking string? [ ]  
a) concat()  
b) append()  
c) join()  
d) concatenate()

28.Which of these method of class StringBuffer is used to find the length of current character sequence?

[ ]  
a) length() b) Length() c) capacity() d) Capacity()

29.What is the string contained in s after following lines of Java code? [ ]

StringBuffer s **new**StringBuffer("Hello");

s.deleteCharAt(0);

a) Hell b) ello c) Hel

30.Which of the following statement is correct? [ ]  
a) reverse() method reverses all characters  
b) reverseall() method reverses all characters  
c) replace() method replaces first occurrence of a character in invoking string with another character  
d) replace() method replaces last occurrence of a character in invoking string with another character

**UNIT-5**

1.  Which of these method of Thread class is used to find out the priority given to a thread? [ ]  
a) get() b) ThreadPriority() c) getPriority() d) getThreadPriority()

2. Which of these method of Thread class is used to Suspend a thread for a period of time? [ ]

a) sleep() b) terminate() c) suspend() d) stop()

3. Which function of pre defined class Thread is used to check weather current thread being checked is still running? [ ]

a) isAlive() b) Join() c) isRunning() d) Alive()

4. In java a thread can be created by…. [ ]

a). Extending the thread class. b). Implementing Runnable interface.

c). Both of the above d). None of these

5. When a class extends the Thread class , it should override ............ method of Thread class to start that thread. [ ]

a) start() b) run() c) init() d) go()

6. Which of the following constructor of class Thread is valid one? [ ]

a) Thread(Runnable threadOb, int priority) b) Thread(int priority)

c) Thread(Runnable threadOb, String threadName) d) Thread(String threadName, int priority)

7. Which keyword when applied on a method indicates that only one thread should execute the method at a time. [ ]

a) volatile b) synchronized c) native d) static

8. What is the output of the following Java program? [ ]

1. class multithreaded\_programing
2. {
3. public static void main(String args[])
4. {
5. Thread t = Thread.currentThread();
6. System.out.println(t.isAlive());
7. }
8. }

a) 0 b) 1 c) true d) false

9. What is the output in the following Java program? [ ]

1. class multithreaded\_programing
2. {
3. public static void main(String args[])
4. {
5. Thread t = Thread.currentThread();
6. System.out.println(t.getPriority());
7. }
8. }

a) 0 b) 1 c) 4 d) 5

10. What is the output in the following Java program? [ ]

1. class multithreaded\_programing
2. {
3. public static void main(String args[])
4. {
5. Thread t = Thread.currentThread();
6. t.setName("New Thread");
7. System.out.println(t.getName());
8. }
9. }

a) main b) Thread c) New Thread d) Thread[New Thread,5,main]

11. Select the method that should be overridden to provide thread's behavior when Thread class is extended: [ ]

a) start() b)resume() c)behavior() d)run()

12. start() method is called to \_\_\_\_\_\_ [ ]

a) Invoke the thread, before the run() method is executed.

b) Execute the thread which is in 'ready to run' state

c) Transit the thread from 'running' to 'ready to run' state

13. Threads in java share the same memory space and resources [ ]

a) True b) False  
  
14. A syncronized method \_\_\_\_\_\_ [ ]

a) Can be used by multiple threads concurrently b) Can only be used by a thread at a time

15. Which method must be defined by a class implementing the java.lang.Runnable interface? [ ]

a) public void run() b) void run() c) void run(int priority) d) public void start()

16. Which will contain the body of the thread? [ ]

a) main(); b) stop(); c) start(); d) run()

17. What is multithreaded programming? [ ]

a) It is a process in which two different processes run simultaneously  
b) It’s a process in which a single process can access information from many sources  
c) It is a process in which two or more parts of same process run simultaneously  
d) It is a process in which many different process are able to access same information

18. What are the major components of the JDBC? [ ]

a) DriverManager, Driver, Connection, Statement, and ResultSet

b) DriverManager, Driver, Connection, and Statement

c) DriverManager, Statement, and ResultSet

d) DriverManager, Connection, Statement, and ResultSet

19. Select the packages in which JDBC classes are defined? [ ]

a) jdbc and javax.jdbc b) rdb and javax.rdb c) jdbc and java.jdbc.sql d) sql and javax.sql

20. Which of the following method is used to perform DML statements in JDBC? [ ]

a) executeResult() b) executeQuery() c) executeUpdate() d) execute()

21. Which of the following is not a valid statement in JDBC? [ ]

a) Statement b) PreparedStatement c) QueryStatement d) CallableStatement

22. Stored procedure can be called by using the ????..? [ ]

a) CallableStatement b) Statement c) CalledStatement d) PreparedStatement

23. How many stages are used by Java programmers while using JDBC in their programs? [ ]

a) 3 b) 2 c) 5 d) 6

24. How many statement objects can be created using a Connection? [ ]

1. 2 b) 1 c) 3 d) Multiple

25. JDBC API supports\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_ architecture model for accessing the database. [ ]

1. Two-tier b) Three-tier c) Both a and b d) Only b

26. What must be the first characters of a database URL? [ ]

a) db, b) db: c) jdbc, d) jdbc:

27. Which of these obtains a Connection? [ ]

a) Connection.getConnection(url) b) Driver.getConnection(url)

c) DriverManager.getConnection(url) d) new Connection(url)

28. Which is responsible for getting a connection to the database? [ ]

a) Driver b) Connection c) Statement d) ResultSet

29. What is the correct order to close database resources? [ ]

a) Connection then Statement then ResultSet b) ResultSet then Statement then Connection

c) Statement then Connection then ResultSet d)Statement then ResultSet then Connection

30. How many JDBC driver types does Sun define? [ ]

a) One b) Two c) Three d) Four