QUIZ

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Time taken	34 mins 44 secs
Grade	**13.00000** out of 40.00000 (**32.5**%)

Question 1

Incorrect

Mark 0.00000 out of 1.00000

All the member functions of local classes are _____ by default.

- ○ a. Abstract
- ○ b. Inline
- ○ c. Virtual
- ◉ d. Static ✖

The correct answer is: Inline

Question 2

Incorrect

Mark 0.00000 out of 1.00000

```
class A{
 static int c=0;
     public A(){
          c++;
     }
}
```

- ◉ a. Constructor will make c=1 for each object created ✖
- ○ b. Constructor will keep number of objects created
- ○ c. Constructor will just initialize c=0 then increment by 1
- ○ d. Constructor will make c=0 for each object created

Your answer is incorrect.

The correct answer is:
Constructor will keep number of objects created

Question 3

Incorrect

Mark 0.00000 out of 1.00000

Conversion for automatic type Which of these is necessary condition in Java?

- ○ a.   None of the mentioned
- ○ b.   The destination type is larger than source type
- ○ c.   The destination type can be larger or smaller than source type
- ◉ d.   The destination type is smaller than source type ✖

The correct answer is: The destination type is larger than source type

Question 4

Incorrect

Mark 0.00000 out of 1.00000

If a catch block accepts more than one exceptions then _____

- ○ a.   The catch parameter is implicitly final
- ◉ b.   The catch parameter is not defined ✖
- ○ c.   The catch parameter is not used
- ○ d.   The catch parameter is not final

The correct answer is: The catch parameter is implicitly final

Question 5

Incorrect

Mark 0.00000 out of 1.00000

If a function has to be called only by using other member functions of the class, what should be the access specifier used for that function?

- ◉ a.   Default ✖
- ○ b.   Private
- ○ c.   Public
- ○ d.   Protected

The correct answer is: Private

Question 6

Correct

Mark 1.00000 out of 1.00000

If an expression contains double, int, float, long, then the whole expression will be promoted into which of these data types?

- ○ a.   int
- ◉ b.   double✔
- ○ c.   long
- ○ d.   float

The correct answer is: double

Question 7

Incorrect

Mark 0.00000 out of 1.00000

If class C inherits class B. And B has inherited class A. Then while creating the object of class C, what will be the sequence of constructors getting called?

- ○ a.   Constructor of A then C, finally of B
- ◉ b.   Constructor of C then A, finally B✖
- ○ c.   Constructor of A then B, finally C
- ○ d.   Constructor of C then B, finally of A

The correct answer is: Constructor of A then B, finally C

Question 8

Incorrect

Mark 0.00000 out of 1.00000

The catching of base class exception _____ in java.

- ◉ a.   Before derived class is allowed✖
- ○ b.   After derived class can't be done
- ○ c.   Before derived class is not allowed by compiler
- ○ d.   After derived class is not allowed by compiler

The correct answer is: Before derived class is not allowed by compiler

Question 9

Incorrect

Mark 0.00000 out of 1.00000

The new operator _____

- ⦿ a. Can allocate reference types too ✖
- ○ b. Can allocate reference to objects
- ○ c. Doesn't allocate any data
- ○ d. Doesn't allocate reference types

The correct answer is: Doesn't allocate reference types

Question 10

Incorrect

Mark 0.00000 out of 1.00000

The object can't be _____

- ⦿ a. Passed by copy ✖
- ○ b. Passed by value
- ○ c. Passed as function
- ○ d. Passed by reference

The correct answer is: Passed as function

Question 11

Correct

Mark 1.00000 out of 1.00000

Upcasting is _____ without an explicit type cast.

- ○ a. Not allowed
- ○ b. Always allowed for private inheritance
- ○ c. Always allowed for protected inheritance
- ⦿ d. Always allowed for public inheritance ✔

The correct answer is: Always allowed for public inheritance

Question 12

Correct

Mark 1.00000 out of 1.00000

What are local classes?

○ a. Classes declared inside structure

○ b. Classes declared inside a package

○ c. Classes declared inside a class

◉ d. Classes declared inside a function✔

The correct answer is: Classes declared inside a function

Question 13

Incorrect

Mark 0.00000 out of 1.00000

What happens when new fails?

○ a. Returns zero always

○ b. Either throws an exception or returns zero

○ c. Terminates the program

◉ d. Throws an exception always ✘

The correct answer is: Either throws an exception or returns zero

Question 14

Correct

Mark 1.00000 out of 1.00000

What is a default value of string?

◉ a. null✔

○ b. false

○ c. 0.0d

○ d. 0

The correct answer is: null

Question 15

Incorrect

Mark 0.00000 out of 1.00000

class student {

    int rollno;

    char name[20];

    static int studentno;

};

- a. 22
- b. 24
- c. 28 ✘
- d. 20

Your answer is incorrect.

The correct answer is:
24

Question 16

Correct

Mark 1.00000 out of 1.00000

What is the range of byte data type in Java?

- a. -128 to 127 ✔
- b. -32768 to 32767
- c. None of the mentioned
- d. -2147483648 to 2147483647

The correct answer is: -128 to 127

Question 17

Incorrect

Mark 0.00000 out of 1.00000

What is use of interpreter?

- a. They are intermediated between JIT and JVM
- b. They read high level code and execute them
- c. They convert bytecode to machine language code ✘
- d. It is a synonym for JIT

The correct answer is: They read high level code and execute them

Question 18

Incorrect

Mark 0.00000 out of 1.00000

```
class increment{
    public static void main(String args[]){
        int g = 3;
        System.out.println(++g * 8);
    }
}
```

- ○ a.   25
- ○ b.   33
- ○ c.   32
- ◉ d.   24 ✖

Your answer is incorrect.

The correct answer is:
32

Question 19

Incorrect

Mark 0.00000 out of 1.00000

```
1.  class newthread extends Thread
2.  {
3.      Thread t1, t2;
4.      newthread()
5.      {
6.          t1 = new Thread(this,"Thread_1");
7.          t2 = new Thread(this,"Thread_2");
8.          t1.start();
9.          t2.start();
10.     }
11.     public void run()
12.     {
13.         t2.setPriority(Thread.MAX_PRIORITY);
14.         System.out.print(t1.equals(t2));
15.     }
16. }
17. class multithreaded_programing
18. {
19.     public static void main(String args[])
20.     {
21.         new newthread();
22.     }
23. }
```

- a. truetrue ✖
- b. falsefalse
- c. false
- d. true

Your answer is incorrect.

The correct answer is:
falsefalse

Question 20

Correct

Mark 1.00000 out of 1.00000

```
1. class program
2.     {
3.         public static void main(String args[])
4.         {
5.             Integer i = new Integer(257);
6.             byte x = i.byteValue();
7.             System.out.print(x);
8.         }
9.     }
```

- ○ a. 257
- ● b. 1 ✔
- ○ c. 0
- ○ d. 256

Your answer is correct.

The correct answer is:
1

Question 21

Incorrect

Mark 0.00000 out of 1.00000

```
class test{
    int a;
    int b;
    void math(int i, int j){
        i *= 2;
        j /= 2;
    }
}
class Output{
    public static void main(String args[]){
        test obj = new test();
        int a = 10;
        int b = 20;
        obj.math(a,b);
        System.out.println(a + " " + b);
    }
}
```

- ○ a. 20 10 ✖
- ○ b. 10 20
- ○ c. 20 40
- ○ d. 40 20

Your answer is incorrect.

The correct answer is:
10 20

Question 22

Incorrect

Mark 0.00000 out of 1.00000

```
1. class output
2.    {
3.        public static void main(String args[])
4.        {
5.            String c = "Hello i love java";
6.            boolean var;
7.            var = c.startsWith("hello");
8.            System.out.println(var);
9.        }
10.    }
```

- a. true ✖
- b. 0
- c. 1
- d. false

Your answer is incorrect.

The correct answer is:
false

Question 23

Correct

Mark 1.00000 out of 1.00000

```
1.  final class A
2.     {
3.         int i;
4.     }
5.     class B extends A
6.     {
7.         int j;
8.         System.out.println(j + " " + i);
9.     }
10.    class inheritance
11.    {
12.        public static void main(String args[])
13.        {
14.            B obj = new B();
15.            obj.display();
16.        }
17.    }
```

- a.   Compilation Error ✔
- b.   2 2
- c.   Runtime Error
- d.   3 3

Your answer is correct.

The correct answer is:
Compilation Error

Question 24

Incorrect

Mark 0.00000 out of 1.00000

1. `class overload`
2. `{`
3. `    int x;`
4. `    double y;`
5. `    void add(int a , int b)`
6. `    {`
7. `        x = a + b;`
8. `    }`
9. `    void add(double c , double d)`
10. `    {`
11. `        y = c + d;`
12. `    }`
13. `    overload()`
14. `    {`
15. `        this.x = 0;`
16. `        this.y = 0;`
17. `    }`
18. `}`
19. `class overloaded`
20. `{`
21. `    public static void main(String args[])`
22. `    {`
23. `        overload obj = new overload();`
24. `        int a = 2;`
25. `        double b = 3.2;`
26. `        obj.add(a, a);`
27. `        obj.add(b, b);`
28. `        System.out.println(obj.x + " " + obj.y);`
29. `    }`
30. `}`

- ⊙ a.   6.4 6 ✗
- ○ b.   4 6.4
- ○ c.   6.4 6.4

○ d. 6 6

Your answer is incorrect.

The correct answer is:
4 6.4

Question 25

Incorrect

Mark 0.00000 out of 1.00000

1. `class output`

2. `    {`

3. `        public static void main(String args[])`

4. `        {`

5. `            StringBuffer s1 = new StringBuffer("Quiz");`

6. `            StringBuffer s2 = s1.reverce();`

7. `            System.out.println(s2);`

8. `        }`

9. `    }`

● a. Quiz ✖

○ b. ziuQ

○ c. QuizziuQ

○ d. Compilation Error

Your answer is incorrect.

The correct answer is:
Compilation Error

Question 26

Correct

Mark 1.00000 out of 1.00000

```
1.  class sum

2.      {

3.          int func (int n)

4.          {

5.              int result;

6.              if (n == 1)

7.                  return 1;

8.              result = func (n - 1);

9.              return result;

10.         }

11.     }

12.     class Output

13.     {

14.         public static void main(String args[])

15.         {

16.             sum obj = new sum() ;

17.             System.out.print(obj.func(5));

18.         }

19.     }
```

○ a. 1 ✔

○ b. 10

○ c. 15

○ d. 0

Your answer is correct.

The correct answer is:

1

Question 27

Incorrect

Mark 0.00000 out of 1.00000

Which among the following function can be used to call default constructor implicitly in java?

- a. super() ✖
- b. that()
- c. sub()
- d. this()

The correct answer is: this()

Question 28

Incorrect

Mark 0.00000 out of 1.00000

Which among the following is added in grammar of new operator?

- a. Finalize
- b. Initializer
- c. Arg ✖
- d. Allocator

The correct answer is: Initializer

Question 29

Incorrect

Mark 0.00000 out of 1.00000

Which among the following is false?

- a. Objects size depends on its class data members
- b. Memory for an object is allocated only after its constructor is called ✖
- c. Object must be created before using members of a class
- d. Objects can't be passed by reference

The correct answer is: Objects can't be passed by reference

Question 30

Incorrect

Mark 0.00000 out of 1.00000

Which among the following is true for copy constructor?

- a.   The argument object is passed by reference ✗
- b.   Used when an object is passed by value to a function
- c.   It can be defined with zero arguments
- d.   None of the options

The correct answer is: None of the options

Question 31

Incorrect

Mark 0.00000 out of 1.00000

Which among the following is true for upcasting in inheritance?

- a.   Doesn't apply on inheritance
- b.   Downward to the inheritance tree ✗
- c.   Upward to the inheritance tree
- d.   Either upward or downward

The correct answer is: Upward to the inheritance tree

Question 32

Incorrect

Mark 0.00000 out of 1.00000

Which component is responsible for converting bytecode into machine specific code?

- a.   JVM
- b.   JRE
- c.   JIT ✗
- d.   JDK

The correct answer is: JVM

Question 33

Incorrect

Mark 0.00000 out of 1.00000

Which concept will result in derived class with more features (consider maximum 3 classes)?

- a.   Multilevel inheritance ✖
- b.   Multiple inheritance
- c.   Hierarchical inheritance
- d.   Single inheritance

The correct answer is: Multiple inheritance

Question 34

Incorrect

Mark 0.00000 out of 1.00000

Which constructor will be called first from the classes involved in single inheritance from object of derived class?

- a.   Derived class constructor ✖
- b.   Both class constructors at a time
- c.   Base class constructor
- d.   Runtime error

The correct answer is: Base class constructor

Question 35

Correct

Mark 1.00000 out of 1.00000

Which is the universal exception handler class?

- a.   Math
- b.   Exceptions ✔
- c.   Object
- d.   Errors

The correct answer is: Exceptions

Question 36

Correct

Mark 1.00000 out of 1.00000

Which of these are selection statements in Java?

- ○ a. continue
- ○ b. for()
- ○ c. break
- ● d. if()✔

The correct answer is: if()

Question 37

Correct

Mark 1.00000 out of 1.00000

Which of these is an incorrect array declaration?

- ○ a. int arr[] = new int[5]
- ● b. int arr[] = int [5] new✔
- ○ c. int [] arr = new int[5]
- ○ d. int arr[] = new int[5]

The correct answer is: int arr[] = int [5] new

Question 38

Correct

Mark 1.00000 out of 1.00000

Which one is a valid declaration of a boolean?

- ○ a. boolean b2 = 'false';
- ● b. boolean b3 = false;✔
- ○ c. boolean b4 = 'true'
- ○ d. boolean b1 = 1;

The correct answer is: boolean b3 = false;

Question 39

Incorrect

Mark 0.00000 out of 1.00000

Which property is shown most when upcasting is used?

- ○ a.   Complex code simple syntax
- ○ b.   Code reusability
- ◉ c.   Code efficiency ✖
- ○ d.   Encapsulation

The correct answer is: Complex code simple syntax

Question 40

Correct

Mark 1.00000 out of 1.00000

Why do we need to handle exceptions?

- ◉ a.   To prevent abnormal termination of program ✔
- ○ b.   To save memory
- ○ c.   To encourage exception prone program
- ○ d.   To avoid syntax errors

The correct answer is: To prevent abnormal termination of program