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Unit 4 - Week 2 :

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Assignment 2

The due date for submitting this assignment has passed.

As per our records you have not submitted this
assignment.

Due on 2019-02-13, 23:59 IST.

1) Which of the following is true regarding the execution of Java applets?

1 point

- a. HTML file is mustto run an applet.
- b. Any file containing the <APPLET> tag can be used during an execution.
- c. Compilation of source is not needed for applet execution.
- d. The source file should be in the local machine.

- ☐ a
- ☐ b
- ☐ c
- ☐ d

No, the answer is incorrect.

Score: 0

Accepted Answers:

b

2) Which of the following is a valid specifier with the `main()` method?

1 point

- a. public
- b. private
- c. protected
- d. default (i.e., nothing)

- ☐ a
- ☐ b
- ☐ c
- ☐ d

No, the answer is incorrect.

Score: 0

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Solution

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Consider the following object declaration statement

```
Scanner inp= new Scanner(System.in);
```

What is `System.in` in this declaration?

- a. Any file storing data
- b. Reference to standard input device, that is, keyboard
- c. Reference to a scanner as an input device
- d. It is a mouse as an input device

- ☐ a
- ☐ b
- ☐ c
- ☐ d

No, the answer is incorrect.

Score: 0

Accepted Answers:

b

4) Which of the following is a valid declaration of an object of class, say `Box`?

1 point

- a. `Box obj = new Box();`
- b. `Box obj = new Box;`
- c. `obj = new Box();`
- d. `new Box obj;`

- ☐ a
- ☐ b
- ☐ c
- ☐ d

No, the answer is incorrect.

Score: 0

Accepted Answers:

a

5) Which of the following is a Class in Java?

1 point

- a. `int`
- b. `String`
- c. `short`
- d. `double`

- ☐ a
- ☐ b
- ☐ c
- ☐ d

No, the answer is incorrect.

Score: 0

Accepted Answers:

b

6) Which of the following statement is incorrect?

1 point

- a. Every class must contain a main() method
- b. Applets do not require a main() method at all
- c. There can be only one main() method in a program
- d. main() method must be made public

- ☐ a
- ☐ b
- ☐ c
- ☐ d

No, the answer is incorrect.

Score: 0

Accepted Answers:

a

7) What is the output of the following program?

1 point

```
public class Test {
    public static void main(String [ ] args) {
        Test t = new Test();
        t.start();
    }
    void start() {
        int a = 4;
        int b = 5;
        System.out.print("" + 8 + 3 + "");
        System.out.print(a + b);
        System.out.print(" " + a + b + "");
        System.out.print(foo() + a + b + " ");
        System.out.println(a + b + foo());
    }
    String foo() {
        return "foo";
    }
}
```

- a. 839 45foo45 9foo
- b. 9 7 7 foo34 34foo
- c. 72 34 34 foo34 34foo
- d. 9 7 7 foo 7 7foo

- ☐ a
- ☐ b
- ☐ c
- ☐ d

No, the answer is incorrect.

Score: 0

Accepted Answers:

a

8) What is the return type of a method that does not return any value?

1 point

- a. int
- b. float
- c. void
- d. double

- ☐ a

- ☐ b
- ☐ c
- ☐ d

No, the answer is incorrect.

Score: 0

Accepted Answers:

c



9)

1 point

What is the process of defining more than one method in a class having the same name but differentiated by method signature?



- a. Method overriding
- b. Method overloading
- c. Encapsulation
- d. Inheritance



- ☐ a
- ☐ b
- ☐ c
- ☐ d

No, the answer is incorrect.

Score: 0

Accepted Answers:

b

10)

1 point

Which of the following is called when a method having the same name as that the name of the class where it is defined?

- a. abstract
- b. this
- c. final
- d. constructor

- ☐ a
- ☐ b
- ☐ c
- ☐ d

No, the answer is incorrect.

Score: 0

Accepted Answers:

d

11)

1 point

```
public class Test{
public static void main(String args[]){
int x = 9;
if (x == 9) {
int x = 8;
System.out.println(x);
}
}
}
```

- a. 8.
- b. 9.
- c. Compilation error.
- d. Runtime error.

- ☐ a
- ☐ b
- ☐ c
- ☐ d

No, the answer is incorrect.

Score: 0

Accepted Answers:

c

12)

1 point

Which of the following statements is/ are incorrect?

- a. Two or more methods with the same name can be differentiated on the basis of their parameters data type.
- b. Two or more method having the same name can be differentiated on the basis of number of parameters.
- c. Any already defined method in Java library can be defined again in the program with different data type of parameters.
- d. No method can call another method without creating an object of the class to which it is defined.

- ☐ a
- ☐ b
- ☐ c
- ☐ d

No, the answer is incorrect.

Score: 0

Accepted Answers:

d

13)

1 point

```
class Box {  
    intwidth;  
    intheight;  
    intlength;  
}  
  
classTest {  
    public static void main(String args[]) {  
        Box b1 = new Box();  
        Box b2 = new Box();  
        b1.height = 1;b1.length = 2;b1.width = 3;  
        b2 = b1;  
        System.out.println(b2.height);  
    }  
}
```

- a. 1
- b. 2
- c. 3
- d. NULL

- ☐ a
- ☐ b
- ☐ c
- ☐ d

No, the answer is incorrect.

Score: 0

Accepted Answers:

a

14 What is the maximum number of arguments that can be passed to a method in Java?

1 point

- a. No arguments
- b. One
- c. Any number of arguments
- d. Varies from one compiler to another

- ☐ a
- ☐ b
- ☐ c
- ☐ d

No, the answer is incorrect.

Score: 0

Accepted Answers:

c

15 What is not the use of "this" keyword in Java?

1 point

- a. Passing itself to another method
- b. Calling another constructor in constructor chaining
- c. Referring to the instance variable when local variable has the same name
- d. Passing itself to method of the same class

- ☐ a
- ☐ b

☐ c☐ d

No, the answer is incorrect.

Score: 0

Accepted Answers:

d



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