

Question **1**

Correct

Mark 1.00 out of
1.00

🚩 Flag question

French curly braces `{ }` is a must if the for loop executes more than one statement. State true or false.

Select one:

☒ True 

☐ False

The correct answer is 'True'.

Question 2

Correct

Mark 1.00 out of 1.00

Flag question

What will be the output of the program?

```
int i = 1, j = -1;
switch (i)
{
    case 0, 1: j = 1; /* Line 4 */
    case 2: j = 2;
    default: j = 0;
}
System.out.println("j = " + j);
```

Select one:

- ☐ a. j = -1
- ☐ b. j = 0
- ☐ c. j = 1
- ☒ d. Compilation fails.



One can not specify multiple case labels with commas, as in line 4. Hence compilation error.

The correct answer is: Compilation fails.

Question 3

Correct

Mark 1.00 out of 1.00

Flag question

What value is stored in i at the end of this loop?

```
for(int i = 1; i <= 10; i++)
```

Select one:

☐ a. 9

☐ b. 1

☒ c. 11



☐ d. 10

The program control will exit the for loop only when the condition specified in the for loop has failed. Hence, the value of i will be 11.

The correct answer is: 11

Question **4**

Correct

Mark 1.00 out of 1.00

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Fill in with appropriate datatype.

```
switch( byte )  
{  
    case value1 : .....  
    case value2 : .....  
    .....  
  
    default:  
        System.out.println("Hello");  
}
```

Question **5**

Correct

Mark 1.00 out of
1.00

 Flag question

for



✓ looping structure should be used when the iterations are known.

Your answer is correct.

The correct answer is:

[for] looping structure should be used when the iterations are known.

Question **6**

Correct

Mark 1.00 out of 1.00

🚩 Flag question

do-while



loops will execute the body of loop even when condition controlling the loop is initially false.

while

for

Question 7

Correct

Mark 1.00 out of 1.00

Flag question

What is the output of this program?

```
class selection_statements {  
    public static void main(String args[])  
    {  
        int var1 = 5;  
        int var2 = 6;  
        if ((var2 = 1) == var1)  
            System.out.print(var2);  
        else  
            System.out.print(++var2);  
    }  
}
```

Select one:

- ☐ a. 4
- ☐ b. 1
- ☐ c. 3
- ☒ d. 2



Question 8

Correct

Mark 1.00 out of 1.00

Flag question

What will be the output of the program?

Given:

10. int x = 0;

11. int y = 10;

12. do {

13. y--;

14. ++x;

15. } while (x < 5);

16. System.out.print(x + "," + y);

What is the result?

Select one:

☐ a. 6,6

☐ b. 6,5

☐ c. 5,6

☒ d. 5,5



Question 9

Correct

Mark 1.00 out of 1.00

Flag question

What will be the output of the program?

```
for(int i = 0; i < 3; i++)  
{  
    switch(i)  
    {  
        case 0: break;  
        case 1: System.out.print("one ");  
        case 2: System.out.print("two ");  
        case 3: System.out.print("three ");  
    }  
}  
System.out.println("done");
```

Select one:

- ☐ a. done
- ☐ b. one two doneone two done
- ☐ c. one two three done
- ☒ d. one two three two three done



Question **10**

Correct

Mark 1.00 out of
1.00

Flag question

The break statement causes an exit _____

Select one or more:

- ☐ a. from the program.
- ☐ b. none of the options
- ☒ c. from the innermost switch.
- ☒ d. from the innermost loop




Question 11

Correct

Mark 1.00 out of 1.00

Flag question

What is the output of this program?

```
1. class Crivitch {  
2. public static void main(String [] args) {  
3. int x = 10;  
4.    
5. do { } while (x++ < y);  
6. System.out.println(x);  
7. }  
8. }
```

Which statement, inserted at line 4, produces the output 12?