JAVA Quiz-2

Questions   Responses   45   Total points: 25

JAVA Quiz-2

Chapter-4 : Control Statements

Please fill one answer for each question . Each question contain +1 point,

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Short answer text

Q1: Which of the following is 'not' an algorithm? *

○ A recipe.

○ Operating instructions.

○ Textbook index.

○ Shampoo instructions (lather, rinse, repeat).

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○ Pseudocode is notan actual computer programming language.

○ Pseudocode is used to describe executable statements that will eventually be translated by the programm...

○ All of the above.

Q3: Which of the following is nota benefit of "goto-less programming"? *

○ Easier to debug and modify

○ Shorter

○ Clearer

○ More likely to be bug free

Q4: Which of the following is nota control structure: *

○ Sequence structure.

○ Selection structure.

○ Repetition structure.

○ Declaration structure.

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○ Rectangle with left and right sides replaced with arcs curving outward.

○ Rounded rectangle.

○ Circle.

Q6: Which of the following is a double-selection control statement? *

○ do...while

○ for

○ if...else

○ if

Q7: Which of the following is not a Java keyword? *

○ do

○ next

○ while

○ for

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```
if (temp > 90)
    System.out.println("This porridge is too hot.");

if (temp < 70)
    System.out.println("This porridge is too cold.");

if (temp == 80)
    System.out.println("This porridge is just right!");
```

○ This porridge is too hot.

○ This porridge is too cold.

○ This porridge is just right!

○ None of the above.

Q9: A decision symbol in an activity diagram takes the shape of a _____. *

○ Diamond

○ Rectangle

○ Circle

○ Triangle

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```java
if (temp > 90)
{
    System.out.println("This porridge is too hot.");

    // cool down
    temp = temp — (temp > 150 ? 100 : 20);
}
else
{
    if (temp < 70)
    {
        System.out.println("This porridge is too cold.");

        // warm up
        temp = temp + (temp < 50 ? 30 : 20);
    }
}

if (temp == 80)
    System.out.println("This porridge is just right!");
```

○ This porridge is too hot.

○ This porridge is too cold. & This porridge is just right

○ This porridge is just right!

○ None of the above.

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○ Parentheses ().

○ Braces {}.

○ Comment //.

Q12: The empty statement is denoted by what symbol? *

○ Semicolon ;

○ Parentheses ()

○ Braces {}

○ Colon :

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```
while (temp != 80)
{
   if (temp > 90)
   {
      System.out.print("This porridge is too hot! ");

      // cool down
      temp = temp - (temp > 150 ? 100 : 20);
   }
   else
   {
      if (temp < 70)

      {
         System.out.print(
            "This porridge is too cold! ");

         // warm up
         temp = temp + (temp < 50 ? 30 : 20);
      }
   }
}

if (temp == 80)
   System.out.println("This porridge is just right!");
```

○ This porridge is too cold! This porridge is just right!

○ This porridge is just right!

○ This porridge is too hot! This porridge is just right!

○ None of the above.

Q14: In an activity diagram, the merge symbol has the same shape as what other symbol? *

○ Decision symbol.

○ Action symbol.

○ Transition arrows.

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○ Indefinite repetition

○ Multiple-repetition structure

○ Double-repetition structure

Q16: How many times is the body of the loop below executed? *

```
int counter = 1;

while (counter > 20)
{
    // body of loop
    counter = counter - 1;

} // end while
```

○ 19

○ 20

○ 21

○ 0

Q17: Local variables must be _____. *

○ initialized when they're declared.

○ initialized before their values are used in an expression.

○ declared and initialized in two steps.

○ declared at the top of the method's body.

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○ ?:

○ %=

○ /

Q19: What is the result value of c at the end of the following code segment? *

```
int c = 8;
c++;
++c;
c %= 5;
```

○ 0

○ 1

○ 3

○ None of the above.

Q20: Which of the following is not a primitive type? *

○ char

○ float

○ String

○ int

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○ long

○ float

○ double

Q22: What is the size in bits of an int? *

○ 8

○ 16

○ 32

○ 64

Q23: In Java graphics, coordinate units are measured in _____. *

○ pixlets.

○ pixels.

○ points

○ pikels

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○ inherits

○ super

○ parent

Q25: Which of the following statements is true.   *

> 1. for every 'if' there should be an 'else'.
> 2. for every 'else' there should be an 'if'.
> 3. 'if' block can exist without an 'else'
> 4. 'if' condition can be used inside another 'if' condition.

○ Only 2, 3 and 4 are true

○ All of the statements are true.

○ Only 2 and 3 are true

○ Only 3 is true.