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FORPC101-10C
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Lesson 5 Quiz

Review of attempt 1

Finish review

Started on	Monday, 23 February 2009, 12:49 AM
Completed on	Monday, 23 February 2009, 12:56 AM
Time taken	6 mins 19 secs
Marks	11/12
Grade	**9.17** out of a maximum of 10 (**92**%)
Feedback	Well done!

1

Marks: 1

What is the output of this Ruby program?

```
c = class Tmp
x = 20
def tmp_mtd
10
end
end
puts c
```

Choose one answer.

○ A. 10 ✗

◉ B. nil ✔

○ C. 20 ✗

The value of a **def** statement is always **nil**.

Correct
Marks for this submission: 1/1.

2

Marks: 1

Every object in Ruby has a unique id number associated with it. With which method can this be found?

Choose one answer.

- ○ A. unique_id ✗
- ● B. object_id ✔
- ○ C. unique ✗

Correct
Marks for this submission: 1/1.

3

Marks: 1

Class *is an object*, and **Object** *is a class*.

Answer:
- ● True ✔
- ○ False ✗

Correct
Marks for this submission: 1/1.

4

Marks: 1

The following Ruby method gives you a way to intercept unanswerable messages and handle them gracefully.

Choose one answer.

- ○ A. missing_method ✗
- ● B. method_missing ✔
- ○ C. methodmissing ✗

Correct
Marks for this submission: 1/1.

5

Marks: 1

Classes in Ruby are first-class objects - each is an instance of class **Class**.

Answer:
- ● True ✔
- ○ False ✗

Correct

Marks for this submission: 1/1.

6

Marks: 1

Is this statement true or false?
"The **new** instance method in **Class** is run by default, which in turn invokes **allocate** to allocate memory for the object, before finally calling the new object's **initialize** method."

Answer: ⦿ True ✔

⚪ False ✗

Correct
Marks for this submission: 1/1.

7

Marks: 1

As soon as an object comes into existence, it already responds to a number of messages. Every object is "born" with certain innate abilities. To see a list of innate methods, you can call the **innate** method:

Answer: ⚪ True ✗

⦿ False ✔

As soon as an object comes into existence, it already responds to a number of messages. Every object is "born" with certain innate abilities. To see a list of innate methods, you can call the **methods** method.

Correct
Marks for this submission: 1/1.

8

Marks: 1

The output of the following Ruby code is 12.

```
number = Math.abs(-12)
```

Answer: ⚪ True ✗

⦿ False ✔

The code is not valid Ruby syntax. It should have been:

```
puts -12.abs
```

Correct
Marks for this submission: 1/1.

9

Marks: 1

The algorithm used by Ruby's Garbage Collector is called?

Choose one
answer.

- ⬤ A. GC ✗
- ⦿ B. mark-and-sweep ✓
- ⬤ C. garbage-collector ✗
- ⬤ D. mark-and-eliminate ✗

Correct
Marks for this submission: 1/1.

10

Marks: 1

What will the following Ruby script display?

```
m2 = "The future is Ruby" =~ /Ruby/
puts m2
```

Choose one
answer.

- ⦿ A. 14 ✓
- ⬤ B. Nothing is displayed ✗
- ⬤ C. 13 ✗
- ⬤ D. 15 ✗

Correct
Marks for this submission: 1/1.

11

Marks: 1

Blocks are not objects, but they can be converted into objects of a particular class. Which one out of the following classes?

Choose one
answer.

- ⦿ A. Proc ✓
- ⬤ B. Block ✗
- ⬤ C. BlockObject ✗
- ⬤ D. ProcObject ✗

Correct

Marks for this submission: 1/1.

12   A variable in Ruby is also an object.

Marks: 1

Answer: ⦿ True ✗

⦾ False ✓

Variables themselves have no type, nor are they objects themselves.

Incorrect
Marks for this submission: 0/1.

Finish review

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