

Quiz 10 – Modules and Mixins

1. What is the Enumerable module?

(This was discussed in lecture “The Enumerable Mixin”)

- a. A built-in Ruby module that can be mixed in to add comparable functionalities.
- b. A built-in Ruby module that can be mixed in to add date and time-related functionalities.
- c. A built-in Ruby module that can be mixed in to add iteration functionalities.
- d. A built-in Ruby module that can be mixed in to add math-related functionalities.

Correct Answer: Option c – A built-in Ruby module that can be mixed in to add iteration functionalities.

Explanation:

Option a – Nope, that's the Comparable module!

Option b – Incorrect answer. Please try again.

Option c – Good job!

Option d – Incorrect answer. Please try again.

2. What is the output of the following code snippet?

(This was discussed in lecture “Mixing in Our Own Module”)

```
module A
  def speak
    "You know the deal!"
  end
end

class B
  include A

  def speak
    "It is what it is!"
  end
end

obj = B.new
obj.speak
```

- a. “You know the deal!”
- b. “It is what it is!”

Correct Answer: Option b – “It is what it is!”

Explanation:

Option a – Nope, the methods defined on the class will override those mixed in from the module!

Option b – Good job! Correct!

3. What is the output of the following code snippet?

(This was discussed in lecture “The prepend Keyword”)

```
module A
  def speak
```

```
    "You know the deal!"  
  end  
end
```

```
class B  
  prepend A  
  
  def speak  
    "It is what it is!"  
  end  
end
```

```
obj = B.new  
obj.speak
```

- a. "You know the deal!"
- b. "It is what it is!"

Correct Answer: Option a – "You know the deal!"

Explanation:

Option a – Good job! Correct!

Option b – Nope, the prepend keyword will make the mixin methods overwrite those defined on the class.

4. What is the ancestors method called on?
(This was discussed in lecture "The ancestors Method in Depth")
- a. Objects created from a class.
 - b. The class itself.

Correct Answer: Option b – The class itself.

Explanation:

Option a – Incorrect answer. Please try again.

Option b – Good job!