1. What does an empty dictionary's code look like?

Ans: dict() or {}

2. What is the value of a dictionary value with the key 'foo' and the value 42?

Ans: {‘foo’ : 42}

Value = 42

3. What is the most significant distinction between a dictionary and a list?

Ans: List refers to a collection of various index value pairs

A dictionary refers to a various pairs of keys and values.

4. What happens if you try to access spam['foo'] if spam is {'bar': 100}?

Ans: It throws KeyError: 'foo'

5. If a dictionary is stored in spam, what is the difference between the expressions 'cat' in spam and 'cat' in spam.keys()?

Ans: Ex: spam = {'cat' : 123}

‘cat’ in spam = True

spam.keys() = dict\_keys(['cat'])

6. If a dictionary is stored in spam, what is the difference between the expressions 'cat' in spam and 'cat' in spam.values()?

Ans: ‘cat’ in spam = True

spam.values() = dict\_values([123])

7. What is a shortcut for the following code?

if 'color' not in spam:

spam['color'] = 'black'

Ans:

'color' in spam ------🡪 False

8. How do you "pretty print" dictionary values using which module and function?

Ans: Using pprint()