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

**Ans – dictionary-name = { }**

2. What is the value of a dictionary value with the key 'foo' and the value 42?  
 **Ans - DICT = {'foo':42} 🡪 Value of DICT[‘foo’] is 42.**

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

**Ans -1. The elements are accessed via indices and dictionary elements are accessed via keys.**

**2. The order of list elements are maintained and dictionary elements are unordered.**

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

**Ans -we face 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 – There is no difference**

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

**Ans – There is no difference**

7. What is a shortcut for the following code?

if 'color' not in spam:

spam['color'] = 'black'

**Ans - It adds to spam dictionary with key is ‘color’ and with value is ‘blank’.**

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

Ans - **pprint() is the module and with same name is the function.**