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

ANS. { }

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

ANS. {‘foo’ : 42}

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

ANS. Lists use [ ] while dictionaries use { }. Lists are ordered and dictionaries are unordered.

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

ANS. We will get KeyError

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

ANS. They are same.

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 will check whether ‘cat’ is there in keys or not.

'cat' in spam.values( ) will check whether ‘cat’ is in values

7. What is a shortcut for the following code?

if 'color' not in spam:

spam['color'] = 'black'

ANS. spam.setdefault('colour', ‘black’)

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

ANS. pprint.pprint( ). Module – pprint, function – pprint( ).