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

ANS – dict() gives {}

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 – Dictionaries are unordered whereas lists are ordered.

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

ANS – Keyword error ‘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 – No difference as both has same output

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

ANS – spam.values() checks if there is value ’cat’ for any of keys in spam whereas ‘cat’ in spam checks at all keys of spam.

7. What is a shortcut for the following code?

if 'color' not in spam:

spam['color'] = 'black'

ANS – spam.setdefault(‘color’,’black’)

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

ANS – pprint.pprint()