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

d={} OR d=dict()

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

Dictionary ={‘foo’:42}

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

Key in dictionary & Indices in list

Items - Ordered in List & Unordered in Dictionary

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

We will get an error Key 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()?

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()?

'cat' in spam will check the key in the dictionary

'cat' in spam.values() will check whether cat as a value is there

7. What is a shortcut for the following code?

if 'color' not in spam:

spam['color'] = 'black'

spam.setdefault(‘color’:’black’)

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

1. by using pprint() function of pprint module
   * **Note:** pprint() function doesnot prettify nested dictionaries
2. by using dumps() method of json module
3. by using dumps() method of yaml module