**Assignment 5 Solutions**

**Ans1:**

An empty dictionary is represented by two empty curly brackets  
d = {}  or  d = dict()

**Ans2:**

**The value of dictionary value with key 'foo' and the value 42 =** {'foo':42}

**Ans3:**

Dictionaries are represented by Curly brackets {}, whereas list are represented by  using square brackets [].  
The Items which are stored in a dictionary are Unordered , while the items in a list are ordered

**Ans4:**

We will Get Error : KeyError: 'foo'.

**Ans5:**

There is no difference between the two statements the operator checks whether a value exits as a key in the dictionary or not.

**Ans6:**

'cat' in spam checks whether there is a 'cat' key in the dictionary, while 'cat' in spam.values() checks whether there is a value 'cat' for one of the keys in spam.

**Ans7:**

spam.setdefault('color','black')