Question 1.

Create a zoo.py file first. Define the hours() function, which prints the string 'Open 9-5 daily'. Then, use the interactive interpreter to import the zoo module and call its hours() function.

Answer 1:

```
import zoo
zoo.hours()
```

Output: Open 9-5 daily

Question 2.

In the interactive interpreter, import the zoo module as menagerie and call its hours() function.

Answer 2:

```
import zoo as menagerie
menagerie.hours()
```

Output: Open 9-5 daily

Question 3.

Using the interpreter, explicitly import and call the hours() function from zoo.

Answer 3:

```
from zoo import hours
hours()
```

Output: Open 9-5 daily

Question 4.

Import the hours() function as info and call it.

Answer 4:

```
from zoo import hours as info
info()
```

Output: Open 9-5 daily

Question 5.

Create a plain dictionary with the key-value pairs 'a': 1, 'b': 2, and 'c': 3, and print it out.

Answer 5:

```
plain_dict = {'a': 1, 'b': 2, 'c': 3}
plain_dict
```

Output: {'a': 1, 'b': 2, 'c': 3}

Question 6.

Make an OrderedDict called fancy from the same pairs listed in 5 and print it. Did it print in the same order as plain?

Answer 6:

```
from collections import OrderedDict
fancy = OrderedDict([('a', 1), ('b', 2), ('c', 3)])
fancy
```

Output: OrderedDict([('a', 1), ('b', 2), ('c', 3)])

Question 7.

Make a default dictionary called dict_of_lists and pass it the argument list. Make the list dict_of_lists['a'] and append the value 'something for a' to it in one assignment. Print dict_of_lists['a'].

Answer 7:

```
from collections import defaultdict
dict_of_lists = defaultdict(list)
dict_of_lists['a'].append('something for a')
dict_of_lists['a']
```

output: ['something for a']