

Q1.4:

`animal.count('Human')` will output 2.

`animal.index('rat')` will output 4.

`len(animal)` will output 7.

Q1.5:

```
tuple1 = (10, 20, "Apple", 3.4, 'a', ["master", "ji"], ("sita", "geeta", 22), [{"roll_no":1}, {"name":"Navneet"}])
```

a) Print the length of tuple1

```
print(len(tuple1)) # Output: 8
```

b) Print the value of the key "name" from the last element in tuple1

```
print(tuple1[-1][-1]["name"]) # Output: Navneet
```

c) Fetch the value of roll\_no from this tuple

```
print(tuple1[-1][0]["roll_no"]) # Output: 1
```

d) Print the second element of the third last element of tuple1

```
print(tuple1[-3][1]) # Output: geeta
```

e) Fetch the element "22" from this tuple

```
print(tuple1[-3][2]) # Output: 22
```