Plenary – answers

Q1. Which phrase describes a list?’

1. A list is unordered, unchangeable and does not allow duplicates
2. A list is ordered, unchangeable and does not allow duplicates
3. **A list is ordered, changeable and allows duplicates**
4. A list is unordered, changeable and allows duplicates

Q2. What command do you need to delete the contents of a list?

1. delete()
2. empty()
3. **clear()**
4. null()

Q3. What index position is netball in this list of sports?

sports = [“football”, “basketball”, “netball”, “gymnastics”]

1. [1]
2. **[2]**
3. [0]
4. [4]

Q4. What command do you need to count the numbers of specific element in a list?

1. **count()**
2. how\_many()
3. total()
4. number()

Q5. Which of the following statements is not true about the remove() method?

1. It removes the first item with the specified value
2. It can be used with any data type
3. **It removes all items and any duplicates of a specific item**
4. It is an example of a list method

Q6. What would be the results of this command and list interaction:

**Input:**

**pets = ['rabbit', 'dog', 'hamster', ‘chinchilla’, ‘rabbit’, ‘dog’, ‘corn snake’ ]**

**pets.remove (rabbit)**

1. It removes all incidences of the element ‘rabbit’
2. It removes everything except the element ‘rabbit’
3. **It removes the first incident of the element ‘rabbit’**
4. It removes the last incident of the element ‘rabbit’

Q7. What would the user see on the screen if they ran the following code?

number\_list = [1,2,3,4,5]

for x in range(4):

number\_list[x] = number\_list[x+1]

1. [2, 3, 4, 5, 5]
2. [2, 3, 4, 5, 6]
3. An error message, there are syntax errors
4. **Nothing, it needs a print statement**

Q8. Can you work out what the user would seen on screen if they ran the following code?:

prices = [4, 55, 64, 32, 16, 32]

x = prices.index(32)

print(x)

1. Nothing, the print statement is wrongly formatted
2. 4
3. **3**
4. -3

Q9. If you add a new element to a list where does it land?

1. In alphabetical order
2. It depends on the data type
3. In index [0]
4. **At the end**

Q10. Lists are said to be ordered. Can you change the order of a list? Choose the most accurate answer.

1. **Yes, it has an order but you can change it using list methods**
2. Yes, it does not have an order anyway
3. No, list have an order and that cannot be changed
4. No, you can only add and remove things