Q1. Which two operator overloading methods can you use in your classes to support iteration?

Ans: **\_\_iter\_\_() and \_\_next\_\_()**

Q2. In what contexts do the two operator overloading methods manage printing?

Ans: **\_\_str\_\_ method can be used for printing an object.**

Q3. In a class, how do you intercept slice operations?

Ans: **We use \_\_getitem\_\_() method for slice operations.**

Q4. In a class, how do you capture in-place addition?

Ans: \_\_**iadd\_\_() function is used for in-place addition which is in the operator module.**

Q5. When is it appropriate to use operator overloading?

Ans: **when you want an operator to behave differently and appropriately for different objects. For example, + operator can be used to concatenate two strings, join to lists and add two numbers.**