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\_\_** and **\_\_repr\_\_**

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

**Ans.** by using the **\_\_getitem\_\_**

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

**Ans**. In a class \_\_iadd\_\_ method is used for this in-place operation

Q5. When is it appropriate to use operator overloading?  
**Ans.** Operator overloading is used when we want to use an operator other than its normal operation to have different meaning according to the context required in user defined function.