**Class A Group A**

**Q1\ Definition the following:**

**1-function 2- oop 3- Encapsulation**

**4- Cohesion 5- Data hiding**

**Q2\ (A) what is the message passing involves?**

**(B) what is strategies Inheritance is useful for programming?**

**Q3\ what is the benefits of function?**

**…………………………………………………………………**

**Class A Group B**

**Q1\ Definition the following:**

**1-Abstraction 2-Inheritance 3-Polymorphism**

**4-Class 5-extension**

**Q2\ what is the basic steps the process of programming in an object-oriented language involves with explain?**

**Q3\ what is the benefits of oop for only five**

**Class B Group A**

**Q1\ Compare between abstraction and encapsulation.**

**Q2\ what is basic concepts of oop?**

**Q3\ Fill in the following blanks:**

1. **……… is the most striking feature of a class.**
2. **Since the classes use the concept of data abstraction they are known as……………………**
3. **Coupling means ………………**
4. **Dynamic binding is associated with …… and ………….**

**…………………………………………………………………**

**Class B Group B**

**Q1\ 1- Compare between local and global variables.**

**2- Compare between passing by reference and value.**

**Q2\ what is Characteristics exhibited by procedure-oriented programming?**

**Q3\ (A) what is the principle of inheritance?**

**(B) Fill in the following blanks:**

1. **Good systems have ………………..**
2. **The degree of relatedness of an encapsulated unit is defined as …….**
3. **Polymorphism is extensively used in implementing …………**

**Class C Group A**

**Q1\ Compare between class and object.**

**Q2\ what is the features of oop?**

**Q3\ (A) what is encapsulation provides?**

**(B) what is inheritance provides?**

**………………………………………………………………………**

**Class C Group B**

**Q1\ Compare between procedure oriented programming and object oriented programming.**

**Q2\ what is the disadvantage of global data?**

**Q3\ (A) what is the major motivating factor in the invention**

**of oop?**

**(B) What is polymorphism role?**