

Sample Paper Main Exam Of Oops of III Sem

Q1:

a) Explain structure as user defined data type in 'C' with the help of Suitable example.

b) Write Short Note on

- pointer to structure
- passing structure variable into function
- array of Structure

Q2.

a) Explain the feature of OOPS.

b) What is Constructor? How many types of constructors are in c++? Describe with the help of a suitable example

c) Write down short any three

- 1) Inline Function
- 2) This pointer
- 3) Static member
- 4) Dynamic memory allocation

or

Q2

- a) What is Friend Function? Write a program to swap private data of two classes.
- b) Write a Program to explain the class and object and Member function
- c) Iterators and container class

Q3

a)

What is operator overloading? How many arguments are required to overload unary and binary operators, respectively? Define a class string use overloaded == operator to compare two strings

b) What is function overloading? Explain the help of suitable example

Q4

a) What is polymorphism? How many ways is it achieved at compile time and runtime? Explain both with the help of example

b) What is inheritance? What is the various form of inheritance? explain each with the help of example.

Q5 Write down short note

- Exception handling
- Virtual Function
- Class Template and function Template
- Virtual base class
- Abstract Class

Best of Luck of all My Dear Student

Prefer the Five year question also

Regards

Jagdish Kumawat