

11-Dec.-Exm.-Nk-08. 94

Jan-2009.

Con. 241-09.

B.sc. (IT) sem III.

Object oriented

Programming.

( 3 Hours)

ZN-1380

[ Total Marks : 100

N.B. :(1) Question No. 1 is compulsory.  
(2) Attempt any four questions from remaining questions.

1. (a) Explain features of Object Oriented Programming. 10  
(b) Explain the difference between Procedure Oriented Programming language and Object Oriented Programming language. 10
2. (a) Explain class and object with e.g. 10  
(b) Define Constructor. Explain their characteristics. 10
3. Explain inheritance and their types in detail. 20
4. (a) Explain difference between Compile time polymorphism and run time polymorphism. 10  
(b) Why do we need virtual function. 10
5. Write a short notes :— 20  
(a) Encapsulation (c) Client-server architecture  
(b) Memory allocation for objects (d) Software construction process.
6. (a) Define operator overloading. List the rules to overload an operator. 10  
(b) Explain function overloading. 10
7. (a) "We have Object Oriented Programming in an internet." Do you agree with this statement ? Explain your answer. 10  
(b) Consider an example of vehicle as an object. Explain in detail, this object considering all aspects of object using inheritance. 10