St.Joseph's College of Engineering, Chennai-119

St.Joseph's Institute of Technology, Chennai - 119

Department Of IT/CSE

CS6301- Programming and Data structures - II

ASSIGNMENT I

PART-A

1. Define abstraction and encapsulation.
2. What is data hiding?
3. Write any four features of OOPS.
4. Give any four applications of OOPS
5. What is a scope resolution operator?
6. What are reference variable?
7. What is member-dereferencing operator?
8. What are free store operators (or) Memory management operators?

PART-B

1. i) Highlight the features of object oriented programming language. (8)

   ii) Explain function overloading with an example. (8)

2. i) Explain default arguments with example (8)

   ii)What is a static member and what are common characteristics (8)

3. i)Explain about various access specifiers with examples. (8)

   ii) Write short notes on storage classes (8)

4. Explain in detail about Class, Objects, Methods and Messages.