Nepal College of Information Technology

**Unit Test**

Spring 2012

Program : BE IT Time : 2 hrs

Semester : (VIII) FM : 70

Subject : Client Server Architecture PM : 35

* *Candidates are requested to give their answer as far as practicable in their own words.*
* *The figure in the margin indicates the full marks*
* ***Attempt ALL question***

1. (a). Define Client Server Architecture? Discuss the significance of N-tier architecture with a suitable example. [10]

(b). Discuss the significance of Interface Definition Language(IDL) in COM and CORBA with a suitable example. [10]

2. (a). Discuss the architecture of Object Model Architecture with a suitable diagram. [10]

(b). How the concepts of Proxies, Stubs and Skeleton are deployed in COM and CORBA. Why marshalling and unmarshalling is required ? [10]

3. *You are appointed as a Client Server Architect to implement Client Server System of Himalayan Bank*. Discuss your role that how you are going to implement new System with reference to Enterprise Client/Server Architecture. [10]

4. Why intangibles plays a vital role in assessment strategy while choosing COM and CORBA ? [10]

5. Discuss the signifance of Legacy System support in Distributed Computing architecture. [10]

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