

**COURSE CODE - 6050301**

**M.PHIL DEGREE EXAMINATION - JAN 2009**

**M.PHIL (COM. SCIENCE)**

**ADVANCED NETWORKS**

**(For Candidate Admitted from calendar 2007 onwards)**

**Time: 3 Hours**

**Max. Marks: 100**

**Section - A**

**Answer ALL the Questions:**

**10 X 3 = 30**

1. What is called Protocols?
2. What are the Network Topologies?
3. What is called TCP?
4. What is Data Dictionary?
5. What is called E-R Model?
6. What is a Domain?
7. Define Client?
8. Define HTML
9. What is Scripting Language?
10. What is Digital Signatures?

**Section - B**

**Answer any FIVE Questions:**

**5 X 6 = 30**

11. Explain OSI Architecture?
12. Explain Indexing and Hashing?
13. Explain about File & Database systems?
14. Explain about Client Server databases?
15. Explain Image Processing?
16. Explain Electronic Mail Security?
17. Write in detail about Multiprotocol over ATM?
18. Explain Mobile Transport Layer?

**Section - C**

**Answer any TWO Questions:**

**2 X 20 = 40**

19. Explain in detail about the Network Layer
20. Explain Relational Databases
21. Explain (a). Active X controls  
(b). Multicasting