SYNERGY INSTITUTE OF ENGINEERING AND TECHNOLOGY, DHENKANAL
Near NH-55, Banamali Prasad – 759001

Assignment-I

Name-

Full Marks-40   Duration-Within 1 Week from Notification

Registration No-

Subject with Code: COMPUTER NETWORKS (**CSPC2007**)   **Course & Branch**: B. Tech: CSE

Course Outcome	Total Marks	Marks Secured	Signature of Evaluator
CO1	40		

Section- A Answer All Questions

1. Define network topology. How many types of network topologies are available? [2marks][CO1][L1]
2. Flow control is the responsibility of ---------------------- and ------------ layers of OSI Model?
                                                                           [2marks][CO1][L1]
3. How many types of modes are used in data transferring through networks?   [2marks][CO1][L2]
4. What is the difference between logical address and physical address?   [2marks][CO1][L2]

Section-B

Answer All Questions

1. Discuss various types of topologies with advantages and disadvantages of each one.
                                                                           [6marks][CO1][L2]
2. Differentiate between Twisted pair, coaxial cable and optical fiber.   [6marks][CO1][L1]

Section-C
Answer All Questions
1. What do you mean by Transmission media? Describe different types of transmission media with advantages and disadvantages of each?   [10 marks][CO1] [L2]
2. Discuss the layer functionalities of OSI reference model   [10 marks][CO1][L3]