

Bharati Vidyapeeth
(Deemed to be University), Pune
School of Distance Education

Assignment No.	01	Name of the Assignment Setter:	Dr. V.N. More		
Course:	MCA	Class:	II	Semester:	I

Subject:	Computer Networks
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Q.1) Attempt **ANY ONE** of the Following **(1000 Words)** **(10)**

1. Describe OSI reference model in computer communication network.
2. What is Switching? Explain working mechanisms of Message Switching.

Q.2) Attempt **ANY TWO** of the Following **(800 Words)** **(12)**

- a) Concept of X.25
- b) Explain shortest path Routing algorithm in detail.
- c) Transmission median and its characteristics.
- d) Explain concept of Multiplexing.

Q.3) Write Short Notes on **(ANY TWO)** **(08)**

- a) Ethernet
- b) TCP/UDP
- c) Concept of 4G Networks
- d) IGMP

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