

(Turn Over)

(2)

- (a) Explain various switching techniques with suitable diagram.
 - (b) Explain bridge and routers.
3. (a) Explain stop and wait protocol.
- (b) What is ALOHA ? Explain.

OR

- (a) What is static and dynamic channel allocation ? Explain.
 - (b) What is video on demand ? Explain.
4. (a) Compare TCP and UDP protocols.
- (b) Explain SNMP and TFTP protocols.

OR

- (a) Explain congestion control algorithm.
 - (b) Explain various classes of IP addresses.
5. Explain any **four** of the following :
- (a) MANET
 - (b) Mobile IP
 - (c) DTN
 - (d) Cellular Network
 - (e) SDMA
 - (f) CDMA