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Computer Network - Sem 2 - Jun 2019 Exam.

P131/CMP506/EE/201906

Time : 3 Hours

Marks : 80

Instructions :

1. All Questions are Compulsory.
2. Each Sub-question carry 5 marks.
3. Each Sub-question should be answered between 75 to 100 words. Write every questions answer on separate page.
4. Question paper of 80 Marks, it will be converted in to your programme structure marks.

1. Solve any **four** sub-questions.
 - a) What is OSI? Explain OSI model. 5
 - b) Explain Geo-Stationary satellite. 5
 - c) Explain 'Transmission mode'. 5
 - d) Explain Transmission 'control Protocol' (TCP). 5
 - e) Write a note on : Router and Switch. 5
2. Solve any **four** sub-questions.
 - a) Explain 'Ring Topology' with its advantages and disadvantages. 5
 - b) Write a note on 'Repeater'. 5
 - c) Explain 'Guided Media'. (Using diagram) 5
 - d) What is topologies? Explain BUS in details. 5
 - e) Write a note on 'LAN'. 5
3. Solve any **four** sub-questions.
 - a) Explain 'Tree Topology' with its advantages and disadvantages. 5
 - b) Write a note on 'Bridges'? 5
 - c) Write a note on 'WAN'. 5
 - d) Explain need of 'Computer network'. 5
 - e) Explain 'Backing Up Data'. 5

4. Solve any **four** sub-questions.

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| a) Explain 'Mesh topology' with its advantages and disadvantages. | 5 |
| b) Write a note on MAN. | 5 |
| c) Explain term Modem and its use. | 5 |
| d) Explain types of Firewall. | 5 |
| e) Write a short note on network type PAN. | 5 |

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