

B.Tech. SEM -V (Computer) 2014 Course (CBCS) : SUMMER - 2019
SUBJECT : COMPUTER NETWORK

Day : Monday
Date : 13/05/2019

S-2019-2656

Time : 10.00 AM TO 01.00 PM
Max. Marks : 60

N. B. :

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Draw neat and labeled diagram **WHEREVER** necessary.
 - 4) Assume suitable data, if necessary.
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Q. 1 Explain working of internet. **(10)**

OR

Explain different LAN topologies. **(10)**

Q. 2 Explain different framing methods used for carrying out framing. **(10)**

OR

What is error control in data link layer? Explain it through an example. **(10)**

Q. 3 Compare Pure ALOHA and Slotted ALOHA **(10)**

OR

Explain the role of wireless technologies in medium access control sub layer.

Q. 4 Explain IPV6 structure in detail. **(10)**

OR

Calculate the network address of following information. **(10)**
IP: 192.168.2.3
Subnet: 255.255.255.0

Q. 5 How congestion is managed in Transport layer? **(10)**

OR

Explain TCP and UDP protocols. **(10)**

Q. 6 What is WWW? Explain HTTP protocol. **(10)**

OR

What is FTP? Explain its working. **(10)**

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