

X10320

Reg. No. :

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Question Paper Code : X 10320

*B.E./B.Tech. DEGREE EXAMINATIONS, NOVEMBER/DECEMBER 2020 AND
APRIL/MAY 2021*

Fifth/Sixth Semester

Computer Science and Engineering CS

8591 – COMPUTER NETWORKS

*(Common to : Computer and Communication Engineering/Information
Technology) (Regulations 2017)*

Time : Three Hours

Maximum : 100 Marks

Answer ALL questions

PART – A

(10×2=20 Marks)

1. *How are the subgroups of OSI model layers segregated by their functions ?*
2. *Differentiate Circuit-switched networks and Packet-switched networks.*
3. *List out the functions of the Data Link Layer.*
4. *Find the Hamming distance between two pair of code words : A*
= 01011
B = 11110
5. *Why IPv6 is preferred over IPv4 ?*
6. *Find the class of each address.*
a) 11000001 10000011 00011011 11111111
b) 252.5.15.111
7. *How congestion occurs in a network ?*
8. *What happens in the three way handshaking between any two devices ?*
9. *Define anonymous FTP.*
10. *What is the difference between IMAP and POP ?*

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Sharma, Dr Shushma Kumari, Gaurav
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