

**\*X10320\***

Reg. No. :

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<b>Question Paper Code : X 10320</b>
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*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 ?*

# Question Paper For Anna Grade 9 2014

**Joel Spring**



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