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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)

- How are the subgroups of OSI model layers segregated by their functions?
- 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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LP Steffe

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web the normal chemical composition for this grade is as the following c $2\ 7\ 3\ 7$ si $0\ 8\ 2\ 9$ mn $0\ 3\ 0\ 7$ p $0\ 1$ s $0\ 02$ the chemical composition has big difference in different standards all compositions are just for reference

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