ECE-C432

Homework Assignment # 1

Do the following problems at the end of Ch 4 of the text:

Q1 Problems R21, R23

Q2. Problem P26

Q3. Problem P27

Q4. Problem P28

Q5. Problem P30

Q6. Problem P31 ``

Q7. Problems R33, R34, R36

Q8. Problem P44

Q9. Problem P45

Q10. Problem P46 QUIZ 2

Q11. Problem P47

Q12. Problem P48

Q13. Problem P49 (assume A and F do not have any hosts which are part of the multicast group)

Q14. Problem P50 (assume z and t do not have any hosts which are part of the multicast group)

Q15. Problem P55

Q16. Problems R26, R27, R29

Q17. Problem P37

Q18. Problem P38 MIDTERM

Q19. Problem P40

Q20. Problem P42

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Q21

Abbreviate the following IP-v6 addresses:

(i) 2000:0000:0000:0000:0000:0000:004D:ABCD

(ii) 2000:0000:0000:0000:7328:0000:0000:8728

(iii) 2819:00AF:0000:0000:0000:0000:0000:237C

QUIZ 3

Q22

Determine if the following IP-v6 addresses are valid and if valid, state what type of address it is

(i) 34DC::02BA

(ii) ::00FF:128.112.92.116

(iii) :: 48A8:95CC::DB97:4EAB

(iv)FF00::3456:9876

(v)FEC0::8706:342C:0009:0000:45EE