# Department of computer science and Engineering

#### Mid Semester Exam

spring - 2029

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Semester: 4th year 1st somester

ID: 17101139

COURSE Code : CSE - 4 303 315 (Self Study)

Course Title: Data communication

Date: 25-08-2020.

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0 V=9+1=10 8=3+1=4

Mash topology links = x(M-1) = 10×9 45

Fortand start topology link = 4, because of line to line connected by the 'Hub.

12

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### b) Hald-dupler

advantage: this data show is poth site to both site throws mit. data.

dis advantage: Bot is not possible

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### Ans: to. tue. 9. no. 2

y = (9x9) 1.6 = 3 y = (3+1) 1.6 = 4

| Pains | Logical IP physical Addres |
|-------|----------------------------|
| AB    | 3                          |
| 18    |                            |
| 0     |                            |
| B     |                            |
| E     |                            |
| F     |                            |

|   |   |   | Silv. |
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| 10 17   | 0 11101      | 9+001           |
| DE!     | 3-616        | 9, +051         |
| 4120    | 3,950        | 9-1 Tes/        |
| 61-61   | 311251       | 4 nst           |
| TC 4 12 | 5 6 77 + 8   | 4 4 W + 5       |
| 040     | 11 4 200     | 11 +040         |
| 100     | 11 + 611     | 1, +00          |
| 18,91   | 1000         | 4 4031          |
| 0192    | (1 +022      | 0 4032          |
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| 7.21    | " +Opri      | u               |
| na      | 1 4722       | 1 4 4051        |
| 120     | 4 1020       | N + 012         |
| 100     | 4 4010       | u 4010          |
| MI      | 11 77011     | 4 -1011         |
| 11/2    | 4 + 0.2      | 4 102           |
| 13      | u + Des F    | 4B              |
| C       | 4 + 6        | 40              |
| 10      | 4 +0         | 40              |
| 1       | 1 + + 5      | 1 6 5           |

|          | Sonde  | ned     | Senden<br>IP * | Return IP | pop<br>no<br>senda | popi<br>ver<br>poelur | pase     | toaspe |
|----------|--------|---------|----------------|-----------|--------------------|-----------------------|----------|--------|
| Pa       | 4000 P | 4=F     | 3+140          | 452       | 600                | 7000                  | u        | * u    |
| PC5 1940 |        | 4+77.52 | 3+040          |           | 600                | 700                   | <b>\</b> | 4      |
| 7750     | 3+1-90 | 4+50    | 3+142          | 4752      | 600                | 0 2000                | V        |        |
| 15       | 4150   | +4+50   | 3+11450        | , Tirts   | 600                | 700                   | 4        | 4      |
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## Any: po. tue. I. no. &

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= 23. 21 Nops

$$= 2 \cdot 1 \cdot 6 = 3.031$$