SIMATS ENGINEERING

ASSIGNMENT - D2

CSA0735: COMPUTER NETWORKS

REGISTED NUMBER	NAME	SCENARIO
1925III 72	SAMRAKSHINI.G	An ald building, was taken ring for local communication between devices.

QUESTIONS :

A) HOW DOES TOKEN PASSING ENSURE

- ement restor sificada a "TOKEN" circulates continuently ameng all the representation in a logical ring.
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THIS MECHANISM:

- and yella sonice, considered to the chimenart sives.
 - → Guarantees "equal access", as the

exploitrouped because it reductions.

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[CSMA | CD]

Hence, it ensures predictable and fair access, especially in time - sensitive applications.

B) WHAT ARE THE DRAWBACKS COMPARED TO ETHERNET P

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- LOWER SPEED:

 Token ring separated tyspically)

 at 4 OR 16 MbPs, whereas Ethernat supports much

 higher speeds 100MbPs / 1 GbPS or More.
- HIGHER COST:
 Specialized hardware and
 connectors make Token ring more expensive to
 install and maintain.
- COMPLEXITY:
 The token mechanism and ring structure are harder to troubleshoot and manage.
- FAILURE VULNERABILITY:

 A fault in a single device on token corruption can distrupt the entire notwork.
- is more disruptive than in Ethernet networks.

In contrast, Etharnot is;

SIMPLER

CHEAPER

-- FASTER -- MORE WIDELY ADOPTED

YADOT