

Code: 15CS34T

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Number	1			 		

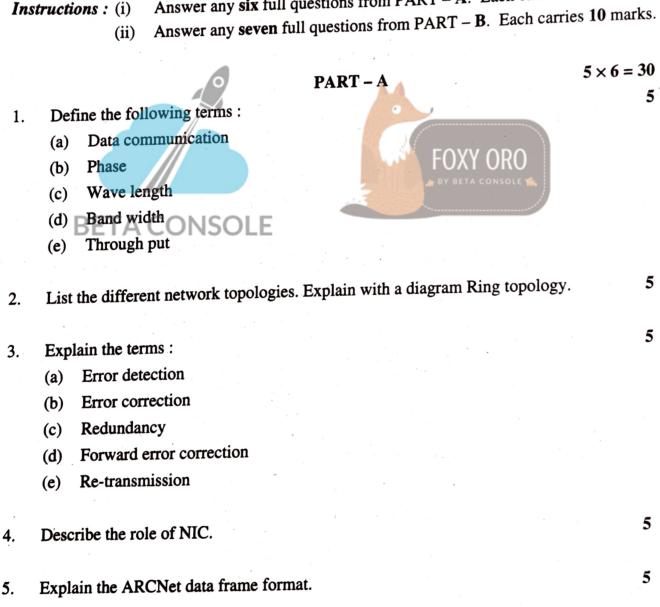
III Semester Diploma Examination, April/May-2019

COMPUTER NETWORKS

Time: 3 Hours]

[Max. Marks : 100

Answer any six full questions from PART - A. Each carries 5 marks.



5

Explain the limitations of IP address classes.

6.

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	Explain the advantages and disadvantages of leased lines.	5
8.	Discuss frame relay protocols.	5
9.	Explain briefly Routing protocols.	5
	PART – B	$10 \times 7 = 70$
10.	Explain briefly the component of data communication, with a diagram.	10
11.	Discuss OSI reference model with a neat diagram.	10
12.	With a diagram and an example. Explain the structure of Encoder and error correction.	Decoder in 10
13.	Discuss controlled Access methods.	10
14.	Explain with a diagram Hubs repeaters.	10
15.	Describe the Token ring Data frame format.	10
16.	Compare SMTP with POP.	10
17.	List and explain different IP address classes.	10
18.	Describe VSAT network architecture and access technologies.	10
10	Discuss PPP and X-25 protocols.	10