Roll No	
Total No. of Questions: 07]	[Total No. of Pages: 02
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BCA (Sem	- 4 th)
COMPUTER N	ETWORKS
SUBJECT CODI	E : BC - 401
Paper ID: [B0215]
[Note : Please fill subject code a	ind paper ID on OMR
Time: 03 Hours	Maximum Marks : 60
Instruction to Candidates:	
1) Section - A is Compulsory.	
2) Attempt any Four questions from	n Section - B.
Section	- A
<i>Q1</i>)	$(10 \times 2 = 20)$
a) List different error control mechanism?	
b) Differentiate between half duple	x and full duplex data communication?
c) Discuss the role of MAC layer in OSI reference model.	
d) Explain in brief the working of p	acket switching.
e) What is primary cause of signal	loss in satellite communication?
f) What are major limitation of twis	sted-pair wire?
g) What is a microwave transmission	on?

What is the advantage of designing FDM?

Differentiate between Baseband and Broadband?

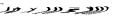
Differentiate between fiber optic and co-axial cable?

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h)

i)

j)



- (b) Compare features of router and Switches.
- Q3) Compare and contrast OSI and TCP/IP reference model?
- Q4) List and explain various communication switching techniques?
- Q5) What are the different types of transmissions? Name two major categories of Transmission media?
- Q6) (a) List various types of routing algorithms.
 - (b) Discuss the concept of IP addresses with help of suitable example.
- Q7) (a) What is the concept of CSMA/CS.
 - (b) What do you understand by protocol? List various protocols used at different layers of OSI-ISO layer structure.

