



Date: 02-11-2018
Time: 09:00-12:00

Dept. No.

Max. : 100 Marks

Part –A

Answer all the questions

2X10=20 marks

1. What is line configuration?
2. Define the term topology.
3. List the functions of network layer.
4. Write the difference between analog and digital signals
5. What is encoding?
6. Define the term DTE and DCE.
7. What is transmission rate?
8. What is transmission media?
9. What is Multiplexing?
10. List the types of error detection methods.

Part-B

Answer all the questions

8X5=40 marks

11. a) Explain the components of network with a neat diagram.

(OR)

b) What is a network? Explain the types of networks with examples.

12. a) Write the functions of application layer and presentation layer.

(OR)

b) Write in brief of simple analog signals.

13. a) Write the Differentiation between Manchester and differential Manchester encoding.

(OR)

b) Write in brief about analog to analog encoding

14.a) Write in brief about bell modems.

(OR)

b)List the difference between guided and unguided media

15.a) Write about many to one multiplexing with examples.

(OR)

b)Explain about the types of errors.

Part-C

Answer any two questions

20X2=40 marks

16.a) Discuss about protocols and standards in detail.

b) Explain in detail about OSI layered structure.

17.a) Write in detail about functions of EIA 232 Standards

b) Discuss about guided media transmission with examples

18.a)Explain about the types of multiplexing

b) Explain about error correction methods with examples

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