SMART TEST SERIES

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Name:		Subject:	Computer Science-11
Roll # :		Unit(s):	3,
Class:	Inter Part-I	Test:	Type 2 - SQs Test - Marks=40
Date:		Time:	

SHORT QUESTIONS TEST

1- Write short answers to any 7 questions: (7x2=14)

(i) What is the Role of Sender in Data Communication?
(ii) What is meant by Data encoding?
(iii) Give two examples of analog data.
(iv) Describe data representation in computer.
(v) What is BCD Code?
(vi) Define Serial Data Transmission.
(vii) What is parallel data transmission?
(viii) Define Bandwidth.
(ix) Write a least two characteristics of fiber optics.
(x) How external modem is connected with computer?

2- Write short answers to any 7 questions: (7x2=14)

(i) Difference between Sender and Receiver elements of Data Communication System?
(ii) Write two characteristics of analogue signal.
(iii) Define Decoder.
(iv) Define Signal.
(v) List out type of data?
(vi) Difference between Simplex and half duplex mode.
(vii) Explain the term "Baseband".
(viii) Define Broad band.
(ix) Why Broadband technique sends data at larger distance compared to baseband technique?
(x) What is meant by Microwave data transmission?

3- Write short answers to any 6 questions: (6x2=12)

(i) Define digital Signals.
(ii) Differentiate between analog and digital signals.
(iii) What is simplex data communication mode?
(iv) Define Synchronous data transmission.
(v) Compare Asynchronous and Synchronous Transmission.
(vi) Distiguish between baseband and broadband.
(vii) What is asynchronous transmission?
(viii) Name three guided media?
(ix) Why fiber optic cable is so fast?

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