SEAT No._____

[36]

No. of Printed Pages : 2

SARDAR PATEL UNIVERSITY
PGDCAA
SEMESTER-II
External Examination – 2017
PS02FDCT01 - (Computer Network)
20TH-April ,2017

Time:02:00pm to 05.00pm

Marks:70

Q1 Give answers of following Multiple choice questions [8]

1 _____cable consist of an inner copper core and a second conducting outer sheath.
   A Coaxial cable   C Fiber optic
   B Twisted Pair Cable   D none of these

2 FTP stands for _____
   A File Transfer Protocol   C Fiber Transmission Protocol
   B Frequency Transfer Protocol D File Transmission Protocol

3 HTTP stands for _____.
   A Hyper Text Transfer Protocol   C Hugh Text Transfer Protocol
   B Hyper Transmission Transfer Protocol D Hyper Text Transfer Program

4 Point to point transmission with one sender and one receiver is called _____.
   A Broadcasting   C Unicasting
   B Multicasting   D None of above

5 When two or more network are connected the become_____.
   A internetwork   C intranet
   B internet   D Both a & b

6 _____is the number of bit intervals per second
   A Bit rate   C Phase
   B Amplitude   D None of these

7 _____can have an infinite number of values and continuous.
   A Digital signal   C Phase
   B Analog signal   D Period

8 OSI stands for _____
   A Open System Interaction   C Operating System Interaction
   B Open System Interconnection D none of these

Q2 **Do as directed (Any 7)** [14]

1 Explain local area network.
2 Define point to point network.
3 Explain application of coaxial cable.
4 List guided media and unguided media.
5 Explain two topologies.
6 Give full form of SMTP and MIME
7 Write a short note on LEO Satellite.
8 Define Analog Signal and Digital Signal.
9 What is protocol? Write the key features of protocol.

Q3 [A]   What is Computer Network? Discuss the advantages of Computer Network.
Q3 [B]   Explain Wide Area Network   [6]
                                                                                             [6]
                                        OR
Q3 [B]   Explain LAN Components.

                                                                                             [6]
Q4 [A]   What is OSI reference model? Explain any of two layers in detail.
Q4 [B]   Explain Fiber Optics cable.   [6]
                                                                                             [6]
                                        OR
Q4 [B]   What is Periodic and non-periodic Signal? Explain Coaxial Cable in detail.
                                                                                             [6]
Q5 [A]   What is Bluetooth technology? Explain Piconet and Scatternet.
Q5 [B]   Explain Bluetooth Protocol Stack.   [6]
                                                                                             [6]
                                        OR
Q5 [B]   Explain circuit switching and message switching.
                                                                                             [6]
Q6 [A]   What is Satellite network? Explain GEO, LEO and MEO in detail.
Q6 [B]   What is Bluetooth Technology? Explain   [6]
                                                                                             [6]
                                        OR
Q6 [B]   What is Topology? Explain Structure of each topology.
                                                                                             [6]

<<<<<::::: ALL THE BEST :::::>>>>>