CA1		CSE-306									
Section	on:	F	Roll no.	MM: 30							
1)			=	demonstration. It needs to be gy is best suited in this situation?  d) Bus							
2)	2) At which layer of OSI model would a communication problem due to an improperly terminated cabreside?										
	a) Physical	d) Session									
3)	What is the period of a signal a) Number of periods per second b) the amount of time a signal takes to complete one cycle c) the distance one bit occupies on a transmission medium d) the range of frequencies in a composite signal										
4)	Which of the fol a) Physical	lowing layer is responsible for b) Data Link	r the source to destination c) Transport	delivery of entire message? d) Network							
5)	Which layer deals with  i) File system Transfer: ii) Oversees both error control & flow control iii) Data Translation										
a)	· ·	a Link, Presentation									
b)		nsport, Presentation									
c)	Application, Tra	_									
d)	Application, Dat	=									
6)	Match List-I wit	h List-II and select the correct	answer using the codes gi	ven below:							
		List-I	List-II								
		A. Repeaters	1. Data Link Laye	r							
		B. Bridges C. Routers	<ul><li>2. Network Layer</li><li>3. Physical Layer</li></ul>								
		C. Routers	5. Fflysical Layer								
		a b c	A B C 2 3 1 3 1 2 3 2 1 2 1 3								
7)	In a mesh topolo a) N-1	egy with N devices, if a new do	evice is added, how many c) N+1	new links are added d) 2N							

8) The header added by the transport layer to the packet coming from the upper layer includes the

c) Service-point Address

d) Network Address

a) Logical Address

b) Physical Address

9)	addresses on head	ers change as a packet moves from network to network but the do							
	not								
	a) Logical, port	c) Logical, network							
	b) Logical, physical	d) Physical, logical							
10)	A constellation diagram sh	ows us the of a signal element, particularly when we are							
	using two carriers (one in-	phase and one quadrature).							
	a) phase and frequency	b) amplitude and phase							
	c) frequency and amplitude	e d) none of the above							
11)	=	communication while TCP is responsible for							
	communication								
	a) Host-to-host, process-to-								
	b) Process-to-process, host-								
	<ul><li>c) Process-to-Process, Node</li><li>d) Node-to-Node, Process-to-</li></ul>								
	d) Node-to-Node, Process-to	0-F10Cess							
12)	A host can be identified by	while a program on the host can be identified by							
,	a) An IP address, a port num								
	b) A port address, an IP add								
	c) An IP Address, a host add	dress							
	d) An IP address, a well kno	own port							
13)	The constellation diagram of	BPSK has dots.							
	a) 3								
	b) 1								
	c) 2								
	d) 4								
14)		includes 14 separate offices nation wide connected via T-1 lines. What kind							
	of network do you have?								
	a) Campus Area Network								
	b) LAN								
	c) MAN d) WAN								
	u) WAN								
15)	Which of the following is inco	orrect regarding TCP and UDP protocols?							
	a) UDP is connectionless end to end protocol								
	b) TCP is connection-oriented end to end protocol								
		,							
	d) Both TCP and UDP use I	P for packet delivery							
16)		se: The Shannon capacity gives us the lower limit; the Nyquist formula tells us							
	how many signal levels we ne								
	a) True	b) False							

17) Which of the follow	ing statements are true abo	out Quantization and sample	ing
i. According to the Nyqu	ist theorem, the sampling i	rate must be at least 4 times	s the highest frequency
contained in the signal			
ii. Sampling results in a	series of pulses of varying	amplitude values ranging b	etween two limits: a
min and a max.			
iii. When a signal is quar	ntized, we introduce an erro	or - the coded signal is an a	pproximation of the
actual amplitude value.			
iv. Signals with lower an	nplitude values will suffer	more from quantization err	or
a) i,ii and iii			
b) ii,iii and iv			
c) i,iii and iv,			
d) i, ii, iii and iv			
a)1Hz b)100Hz c)1KHz d)1MHz	mpletes one cycle in 0.001s	s what is the frequency	
<ul><li>19) Which of the follow</li><li>a) Microwave</li><li>b) Radiowave</li><li>c) Infrared Wave</li><li>d) High Frequency</li></ul>		omni-directional antenna f	or communication?
20) In transmiss amplitudes of the mo		modulated so that its am	plitude varies with the changing
a)AM	b)FM	c)PM	d)None
	owing channels, we cannot b) bandpass	send a digital signal directl c) low rate	y to the channel.  d) high rate
<ul> <li>(a) frequency a</li> <li>(b) phase and f</li> <li>(c) amplitude a</li> <li>(d) none of the</li> </ul>	of a carrier frequency and amplitude frequency and phase above	are varied.	
23) We want to digitize	e the human voice. What i	is the bit rate, assuming 8	bits per sample?

		an voic 1 kbps	e norn	nally c		s frequ 4 kbps		ncies from 0 to 4000 Hz. C) 74 kbps D) 44 kbps							
24)	An analog signal has a bit rate of 8000 bps and a baud rate of 1000 baud. How many data elements are carried by each signal element?  A) 10  B) 20  C) 8  D) 12											its are			
	A) 10 b)							C) 8					D) 12		
25)		e of SN	R for 1	noisele		nel is			C) in	.finite.		г	N Mono		
	A) 0				B) 1				C) II	ıfinity		L	O) None		
26)	26) Random noise of electrons in the wire creates an extra signal, it is known as:  a) Cross Talk  b) Induced Noise  c) Impulse  d) Thermal Noise														
27)	<ul> <li>27) Cellular phone communications uses which propagation method</li> <li>a) Ground Propagation</li> <li>b) Sky Propagation</li> <li>c) Line-of-sight Propagation</li> <li>d) All of These</li> </ul>														
28)	28) What is the port number for DNS  a) 53  b) 68  c) 67  d) 80														
<ul> <li>29) The Division of message into segments, is a function of .</li> <li>a) Physical</li> <li>b) Data Link</li> <li>c) Transport</li> <li>d) Network</li> </ul>															
<ul><li>30) Unguided media transport electromagnetic waves without using a physical conductor.</li><li>a) True</li><li>b) False</li></ul>															
	Answers														
ſ	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ļ															
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30