Enrollment No:	Exam Seat No:	

C. U. SHAH UNIVERSITY

Summer Examination-2020

Subject Name: Introduction to Networking & Internet

Subject Code: 4CS01INT2 Branch: B.Sc.I.T.

Semester :1 Date : 26/02/2020 Time : 02:30 To 05:30 Marks : 70

Instructions:

- (1) Use of Programmable calculator & any other electronic instrument is prohibited.
- (2) Instructions written on main answer book are strictly to be obeyed.
- (3) Draw neat diagrams and figures (if necessary) at right places.
- (4) Assume suitable data if needed.

a)	A is physical path over v	
	(A) Route	(B) Medium
	(C) Path	(D) Protocol
b)	number of links in Me	
	(A) N	(B) N+1
	(C) N-1	(D) $N(N+1)/2$
c)	Number of bits in IPv6 address_	
	(A) 32 bits	(B) 128 bytes
	(C) 64 bits	(D) 128 bits
d)	Communication between comput	ter and a keyboard involves
	transmission.	
	(A) simplex	(B) Full duplex
	(C) Half duplex	(D) multiplex
e)	PAN stands for	
	(A) personal area network	(B) local area network
	(C) virtual private network	(D) none of the above
f)	A is set of rules that gov	erns data.
	(A) meduim	(B) Both A & C
	(C) protocol	(D) None of these
g)	1 Octet = bits	
	(A) 16	(B) 32
	(C) 8	(D) 12
	• •	• •



		(C)	(D) $\langle br \rangle$			
	i)	Which device performs modulation and demodulation?				
		(A) Modem	(B) Fiber optic			
		(C) satellite	(D) coaxial cable			
	j)	The attribute of form tag is				
		(A) Method	(B) Action			
		(C) Both A & B	(D) None of these			
	k)					
		(A) < Body >	(B) <html></html>			
		(C) <title></td><td>(D) <Form></td><td></td></tr><tr><td></td><td>l)</td><td>DNS stands for</td><td></td><td></td></tr><tr><td></td><td></td><td>(A) Dynamic Name System</td><td>(B) Dynamic Network System</td><td></td></tr><tr><td></td><td></td><td>(C) Domain Name System</td><td>(D) Domain Network Service</td><td></td></tr><tr><td></td><td>m)</td><td>Class D is reserved for</td><td></td><td></td></tr><tr><td></td><td></td><td>(A) multicast address</td><td>(B) Research work</td><td></td></tr><tr><td></td><td></td><td>(C) limited address</td><td>(D) Broadcasting</td><td></td></tr><tr><td></td><td>n)</td><td>Which transmission media has the network?</td><td>ne highest transmission speed in a</td><td></td></tr><tr><td></td><td></td><td>(A) coaxial cable</td><td>(B) twisted pair cable</td><td></td></tr><tr><td></td><td></td><td>(C) optical fiber</td><td>(D) electrical cable</td><td></td></tr><tr><th></th><th></th><th></th><th></th><th></th></tr><tr><td>Attem</td><td>pt any</td><td>four questions from Q-2 to Q-8 <math display="inline"></math></td><td>í</td><td></td></tr><tr><td>Q-2</td><td></td><td>Attempt all questions</td><td></td><td>(14)</td></tr><tr><td></td><td>(a)</td><td colspan=2></td><td>(5)</td></tr><tr><td></td><td>(b)</td><td colspan=2></td><td>(5)</td></tr><tr><td></td><td>(c)</td><td>Explain Mesh Topology with its disadvantages</td><td>diagram & Give its advantages and</td><td>(4)</td></tr><tr><td>Q-3</td><td></td><td>Attempt all questions</td><td></td><td>(14)</td></tr><tr><td>QJ</td><td>(a)</td><td>What is data communication? E</td><td>xplain it Components.</td><td>(5)</td></tr><tr><td></td><td>(b)</td><td colspan=2>What is network? Explain objectives of network.</td><td>(5)</td></tr><tr><td></td><td>(c)</td><td>Describe Serial and Parallel trans</td><td></td><td>(4)</td></tr><tr><td>Q-4</td><td></td><td colspan=3>Attempt all questions</td></tr><tr><td></td><td>(a)</td><td>What is Guided media? Explain</td><td>with it types.</td><td>(5)</td></tr><tr><td></td><td>(b)</td><td>What is ADSL? Explain it with a</td><td>advantages and disadvantages.</td><td>(5)</td></tr><tr><td></td><td>(c)</td><td>Explain network services.</td><td></td><td>(4)</td></tr><tr><td>Q-5</td><td></td><td>Attempt all questions</td><td></td><td>(14)</td></tr><tr><td></td><td>(a)</td><td>Explain tag y</td><td></td><td>(5)</td></tr><tr><td></td><td>(b)</td><td>Explain ordered list with its attri</td><td>butes with example.</td><td>(5)</td></tr><tr><td></td><td>(c)</td><td>Explain image map.</td><td></td><td>(4)</td></tr></tbody></table></title>				



Q-6		Attempt all questions	(14)
	(a)	Explain Radio waves with its advantages and disadvantages.	(5)
	(b)	What is Internet and Intranet? Explain in detail.	(5)
	(c)	Differentiate: IPv4 and IPv6.	(4)
Q-7		Attempt all questions	(14)
	(a)	Explain <marquee> tag with attributes and example.</marquee>	(7)
	(b)	What is form? Explain attributes of <form></form> tag.	(7)
Q-8		Attempt all questions	(14)
	(a)	Explain any three types of network.	(7)
	(b)	Explain <select>, <input/> tag with example.</select>	(7)

