

QP Code: 1085QP Total No. of Pages: 2

Seat No.

	January - February (Wint	er) Exam	ination - 2023				
	ect Name: B.C.A. (CBCS)_83375_Computer Netw Subject Coo	ork and Interne	t_14.01.2023_10.30 AM To 0	1.30 PM			
Day a	and Date: Saturday, 14-01-2023 ( ): 10:30 am to 01:30 pm	A. II., SV	(III alm)	Total Mark s: 70			
				3. 70			
Instr	uctions.:	l.					
Spec	<ol> <li>Figures to the right indicate full rial Instruction.:</li> </ol>	narks					
opec	Q. 1 and Q. 6 are compulsory Attemp	ot any three fro	om Q. 2 to Q. 5				
Q.1.	A) Select the correct alternative 10			[20]			
	1) Which of the following communications modes support two-way						
	traffic but						
	in only one direction of a time?		3.4				
	a) Simplex		b) Half-duplex				
	c) Three-quarters duplex		d) Full duplex				
	2) A device that is used to connect a number of LANs is						
	a) Router	namber of F	b) Repeater				
	c) Bridge		d) Switch				
	c) Bridge		u) Switch				
	3) Which one of the following network devices doesn't use any routing						
	table for sending the data?						
	a) Router		b) Bridge				
	c) Both (a) and (b)		d) None of				
	these						
	4) Data communication system within a building or campus is						
	a) MAN		b) LAN	No.			
	c) WAN		d) PAN				
			18/ 5/1010	3229			
	5) Which topology requires a central controller or hub?						
	a) Star		b) Mesh	1			
	c) Ring		d) Bus	1000			
	6) Which transmission media provides the highest transmission speed						
	in a network?						
	a) Coaxial Cable	b) Twist	ed Pair Cable				
	c) Optical Fiber		trical Cable				
	7) The data link layer takes the packet	ate from	and anconculates				
	them		and encapsulates				
	into frames for transmission.						
	a) Network Layer	h) Phys	ical layer				
	c) Transport Layer		cation Layer				

		8) A is a set of rules in network	ing.			
		a) resource locator	b) protocol			
		c) domain	d) URL			
		9) OSI stands for				
		a) Open System Interconnection	b) Operating System	m		
		Interface	d) On an Camina Inte	MARIN.		
		c) Optical Service Implementation	d) Open Service Inte	ernet		
		10) What is internet?				
		a) a single network				
		b) a vast collection of different netw	orks			
		c) interconnection of local area networks				
		d) interconnection of wide area netv	vorks	(e)Ze		
		B) Write a short answer of the following 10	web browser.	Krantiveer Ranglandada P		
		1) Write various features of the	web browser.	100		
		2) Explain stop and wait protoco	ol.			
		3) Explain analog and digital da	ta transmission	wey + Weldt		
	Q.2.	Explain Coaxial cable with neat diagram		[10]		
	Q.3.	What is switching? Explain packet switch	hing technique.	[10]		
	Q.4.	Explain ISO-OSI model in brief.		[10]		
	Q.5.	Define computer network. Explain vario	us components of	[10]		
		computer network				
				F0.01		
'	Q.6.	Write a short note on (Any 4)		[20]		
		1) Web 3.0				
		2) Routing				
		<ul><li>3) Domain Name System.</li><li>4) Star topology</li></ul>				
		5) Difference between LAN and MA	N			
		6) Uses of Computer Networks				
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