CB 60:40

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EXAMINATION: JANUARY- 2023

SEMESTER – I

Sub: Computer Fundamentals Networking - (140-20/BCA-CS-140-20)

Date	: 03/01/2023	Total Marks: 60	Time: 10.00 am to 12.30 pm
	 Bold figures to the right Candidates are advised Answers written illegib Use of scientific calcul 	oulsory unless and otherwise s ht of every question are the m d to attempt questions in orde bly are likely to be marked zer lators, Log tables, Mollier Ch d diagrams wherever necessa	aximum marks for that question. er. ro. earts is allowed.
Q.1.	Fill in the blanks.		(5)
1.	are used to make digital copies of existing paper photos, documents,		
	drawings etc. a) Printer	b) M	Ionitor
2.	c) ScannerBase of Decimal number	· •	pystick
4.	a) 10	b) 10	- S
	c) 2	d) 8	
3.	HTTP protocol is used	l to access	
	a) FTP Server	b) W	Vebsite Vebsite
	c) Email Server		CP/IP
4.	IPv6 is bit a		-0
	a) 32	b) 12	
5.	c) 64	d) 10	324
5.	a) Physical layer	orks at layer	ata link layer
	c) Transport layer		ession layer
Q.2.	State True/False.		(5)
1.	An Administrator is not required for Client Server networks		
2.		Hub is a multiport repeater	
3.	PAN means Private Area Network		
4.	RAM and ROM are secondary type of memories		
5.	SMTP is a mail protocol		
٥.	SWITE IS a man protocol		
Q.3.	Answer the following. (S	Solve any 5)	(10)
1.	What is router?		
2.	List Wireless Standards		

- **3.** Define logic gate.
- **4.** What is the Internet? State its uses.
- **5.** What is Wi-Fi network?
- **6.** Convert $(345)_{10} = (?)_{16}$

Q. 4. Answer the following in detail. (Solve any 6)

(30)

- **1.** Explain working of DHCP server.
- **2.** Explain any 3 topology in detail.
- **3.** Explain NOR and NAND gates in detail.
- **4.** What is an IP address? Explain the classes of it
- **5.** Explain types of scanner in detail.
- **6.** Explain IPv6 in detail.
- 7. Write short note on Algorithms and flowcharts with example

Q. 5. Answer the following in detail. (Solve any 1)

(10)

- **1.** Explain types of network in detail.
- **2.** Explain OSI reference model in detail.

Computer Fundamentals Networking (BCA- 140-20/BCA-CS-140-20) AKD/II