[This question pa	per contains 2 printed	pages.]				
Sr. No. of Question	n Paper : 161	G	Your Roll No			
Unique Paper Co	de : 234151					
Name of the Pap	er : Computer Fu	ndamentals				
Name of the Cou	rse : B.A. Progr :	amme – Comp	uter Application			
Semester	: I					
Duration: 3 Hours Maximum M		Maximum Marks: 45				
Instructions for	<u>Candidates</u>					
1. Write your R	coll No. on the top imn	nediately on red	ceipt of this question paper.			
2. PART I is compulsory.						
3. Attempt any three questions from PART II.						
<u>PART – I</u>						
1. (a) Name an	ny two search engines.		(2)			
(b) Explain	various types of ROM.		(4)			
(c) Briefly	lescribe function of BI	OS.	(2)			
(d) How mu	ich is 1GB in bytes?	·	(1)			
(e) Give an	application of MICR.		(1)			
(f) Give the	full forms of:		(2)			
(i) D'	VD					

(ii) WWW

(iii) USB

(iv) CPU

161 2

	(g)	Differentiate between LAN and WAN.		
		<u>PART – II</u>		
2.	(a)	Briefly describe the two CPU registers: MAR an PC.	(4)	
	(b)	What is system bus? Briefly describe any two system bus.	(4)	
	(c)	Explain the purpose of cache memory.	(2)	
3.	(a)	Find the equivalent of the number given on the left hand side in the given on right hand side.	e base ((4)	
		(i) $(101101.01)_2 = ()_{10}$		
		(ii) $(34.5)_8 = ()_2$		
		(iii) $(235)_{10} = ()_{16}$		
		(iv) $(A4.B)_{16} = ()_8$		
	(b)	Describe the structure and working of magnetic disk.	(6)	
4.	(a)	What is the difference between impact and non impact printers?	(2)	
	(b)	Name any two optical scanner devices.	(2)	
	(c)	Explain the functions of operating system.	(6)	
5.	(a)	Describe the Bus, Ring and Star topologies.	(6)	
	(b)	Explain the uses of internet.	(4)	
6.	(a)	Explain the different layers of OSI model in networks.	(7)	
	(b)	Differentiate between SRAM and DRAM.	(3)	