Reg No: PIPW CSE 1795 Section. Day: MTWTFS Date: 6 / / / Greni 461 +27 frist Convers we to D 461 (88) - (1011000) 0111101 1101100 -437 488 1.011000 Novo ナコチ - 6 Now me Convert Lomany talee Cemplument B 0 + 27 = 0011011 0111101 First we take 3,5 Complement 61 -Complement = 1000010 11 = 1000011 11 Now B 0011011 427 1000011 -61 BABAR PAPER PRODUCTS 4140 P

Nome ASHFAQ AHMAD

paper: DLD

Nounc: ASHEACH AH Reg No: 19PLOCSE 1795	
Paper: DLD	page NO(2)
Day: MITWIFS	Date:/
B	
+27 = 001101	
-61 = 100001	
	L. A. M
Now take 2's Co	implement of
1011110	1111 n = n Vaccad
3's Complement of 10'	11110 = 0100001
	0100010
D B	
-34 = 0100010	Ans
Mem	
-27	
264	
In pinand,	
-27 = 00110-U	- 16_2
_61 = 0   11101	
2's Complement of 61=	
2'5 11 11 27	= 1100100
27	= 1100101
2'5 1	- [100]
P 47 + 0	
	· 0 - 14
	BABAR PAPER PRODUCTS

	Reg Mos 19PWCSE 1 Fes	<b>9</b>
	page	3
	Page ( Day: MTWTFS)  Date:	_(3)
	Now D	
	-61=1000011	
	-27 = 1100101	
	-88 = 10101000	
	0 t - 1 = 1	1
	Now	
	2's Complement of 10/0/000	-
	= 01010111	
	+1:	
	01011000	
	B B	
	-88 = 01011000 Pms	
	211	
(3)	XX — XX	
Ans	Given	
5	- 18	
	(ii) 125 Complement	
	3 0	
	2 0	
	-18 = 10000	
	125 Complement - + 18 = 0 11 01	
	125 Complement - 7 10 = 011 01	
	At least 4 bits need to	
	represent in 135 Complement	
	represent w	
	(ii) 23 Complement	
	(ii) 2'S Comprehens	
	22's Complement of 18= 01101	
	11 11 = 1110	

Name: ASHFACP AHMHIS

Reg No:, 19PWCSETT-915

Page No:

Day: MTWTFS

Date:\_\_\_\_\_\_

	Day: MTWTFS Date:	
(1)	out least "4" Losts need to  to represent _18 = 10010  in Stgn-megnitude no & bit itleast 5"	
Q3:	A B  000 0  001 1  010 3  100 4  110 6  111 7	
Qu:	A B  000 + 0  001 + 1  010 + 2  011 + 3  100 - 3  101 - 2  110 - 1	

BABAR PAPER PRODUCTS

Nome ASHFACO AHMAD Reg No: 191PWCSE 1795

page No: (5)

	Day: MTWTFS	Date://	
Q6:	A 000 1 010 - + 010 - + 100 110 110 1	B + 0 + 1 + 2 + 3 - 4 - 3 - 2 - 1	
	$F(A,B,C) = AC$ $\Rightarrow Product = f$ $F(A,B,C) = M_M$ $= M_0$ $= (A+B+C)$	m2+m3+m4+m6  BC+ABC+ABC+ABC  Maxterm form  (0,1,5,7)  •M, •M5 • M7  -()(A+B+C)(A+B+C)(A+B+C)  Ans	

**BABAR PAPER PRODUCTS** 

Mame: ASHFAD AHMAD Reg No: PIRWCSE1795

Day:	MITWIFS Date:/
(ii) F(	A, B, ()
٢ (ح	Sum of mintum form
F(	A,B,C)=ABC+ABC+ABC+ABC
	= (A + B + C) (A + B + C) (A + B + C) Avs
-)	Groduct of Maxterm, from
J. C.	4,B,C) = (A+B+C)(A+B+C)(A+B+C)
	= A'B'(+ A'B'C + ABC + ABC
	Ans
	-xx - xx - xx ·
Q7. G	Ven, F(A,B,C)= B.(+A.(B+C)+A.C
. t	B C F(A,B,C) 0 0 1
2 4	0 0 1 0 1
	1 0 0 1
	i i i i i i i i i i i i i i i i i i i
	BABAR PAPER PRODUCTS

Reg Noi GPWCSE1795

page NO (7)

	Day: MTWTFS Date:/_/	
FMS		
	$F(x,y,z)=\sum_{m}(1,7)$	
	7	
	Price $2AND + 2NOT + IOR$ $2(2) + 2(1) + 2$ $4 + 2 + 2$	
	Price = \$8/-	
	PIPO	
	BABAR PAPER PRODUCTS	

Res No: 19POUSE1795

page No.

Day	MIWIFS	1 T 1 T 1	Date:
Day			
000		Die Berrane I	!
07-	cirwit	Diagram!	C
		·	1
-			6
			į.
	$\bigcap$	- In I had	2
	$ \wedge$ $+$		4, 18
	- TT	1911	
			1 6
	177		
	1		at the
		14	
	175	711 11	
		11111	
		<i>y y y y y y y y y y</i>	
	- 11	r - 10 - 1	
	J		
		evilue of the	
	-	Maile	
	1/5		6 7 8 8 3
	7 ml 1 0 7	11/2 100 10 10	
	,		
	xx	o	
	/\ X		NY
	1	ne SMIN	· · · · · · · · · · · · · · · · · · ·
	1		