

But the seas to the season to	SILVER OAK COLLEGE OF ENGINEERING & TECHNOLOGY Date
1 1	10 d t t d d d d d d d d d d d d d d d d
C3 PT (255) to = ? () 8 8 255 3 8 44 4 8 5 5 5 5
Combinido Condin	sesion 355 3660.



OF Engineering	Date Pa	Date : Page No. : □
	At lost usuite the	execuse nie cabrinae
4]	(592)10 = 3 ()16	Estrument II I I
→	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	10 min 6 - 000 d to
	edmeen lanisal :.	of (592)10 = (250)16
*	entil you got a que H	the quotient by 16 protient of Zoero. a sumaindos cerdos inal numbes.
157	(1545)10 = ?()16	provided of the
→	16 1545 9 16 96 0 16 6 > 6	
	:. So, the decimal no	ember (1545) 10 is
	A DESCRIPTION OF THE PERSON OF	

-	000	00 m
	50	面.
	3	Molon Bolon
1	(0
NET	o of En	ginesting

of Engineering	Date: Page No.: O4
SHIK ABOUT FOUR FUTURE	Conucasion Steps
	Same Stops as Reglas to Q.4 Rut the answers of (1545) to = (609) 16. Out the exempirals in secures and to got hora-derimal digit.
可	$(575)_{10} = ?()_{8}$
*	8 575 7 8 71 7 8 8 0 8 1) 1 0 0 1. So, the decimal number (575) 10 is Connecated to (1077)8.
	Same Stops as perdas to 3. (242) But the answer of (575) to = (1077) g.

	00	000
H	S O	
Oak	*	0
ME IN	of En	GLEVE SETTINE

OF Engineering	Date :
(2)	Consecut the following numbers into derinal
1	(101010)2=(3)10
→ → →	$\frac{(45)6}{(45)6}$
	of dozinal equivalent.
2]	(AB)16 = ? ()10 + (AXX N + (BXX)) =
>	Hore A = 10 & As post the Hora-desimal Value.
14 1/ 14	$(A \times 16') + (B \times 16^{\circ})$ $(10 \times 16') + (11 \times 16^{\circ})$ $(10 \times 16) + (11 \times 1)$
1	(171)to .
8	o, the dorinal equivalent is (171) 10.



of Engineering	Date: Page No.: 06
	Management of the second of th
3	(75)8=12()10
7	$(7 \times 8) + (5 \times 8^{\circ})$
0 A 1 €	$(\pm \times 8) + (5\times 1)$
	56 + 5 (0) - Caladat > 1
TI, MĘ	(61)10
aside.	A + Front Larry Literal Library & Clark
	to tralevius lemisos et ei eit.
	Octal number 75.
4	(11001100)2 = ?()10
-	$(1 \times 27) + (1 \times 26) + (0 \times 25) + (0 \times 24) +$
	$(1\times2^3) + (1\times2^2) + (0\times2^6) + (0\times2^6).$
=	$(1 \times 128) + (1 \times 64) + (0 \times 32) + (0 \times 16) +$
	128+64+0+0+8+4+0+0
ASSESSED IN	(504)10
	: The binary digit (11001100) 2 has
	the desimal aquivalent = (204) 10
	(1×11)+(01×01)
	11 + 227
	OI (IFI)
	(141) : to the top of hours have
No. of Lot	
September 1	
Keep Control	



WE THINK ABOUT YOUR PUTURE	Date :	<u> </u>
5	(1 C7)16 = ? ()10 {Hoore, C=123	-
=	(1 ×162) + (12 ×161) + (7 ×160)	
	(1×256) + (12×16) + (7×1)	
_	256 + 192 + 7	
	(455)10	
	: Docimal equivalent = (455)10	
[3	(675)8-3()10.	
	$(6 \times 8^2) + (7 \times 8') + (5 \times 8^\circ)$	
11-4	$(6 \times 64) + (7 \times 8) + (5 \times 1)$	
-	384 + 56 + 5	
=	(445)10	- 100
260	Maria TE sollow - was to be algment	199
- Y-7	of (244) = trabaviseps lamisof	0.0
		100
() () () () () () () () () ()	- Balt all 8 to admin while II	73
10	solone the more provided by build it	130
		100
Description of the last of the		1
1		200
		6 19
		779



SILVER OAK COLLEGE OF ENGINEERING &

Page No Date :...

Silver Oak Coll	*	NA CO	4 Technology
NE TH	of En	gine arte	that the same of t

20 PM	SILVER OAK COLLEGE OF ENGINEERING & TECHNOLOGI
HE THRIC ASSOUT YOUR FUTURE	Date: Page No.: 08
03]	Explain 13 Complement of the number
	with example.
→	codmine a for tramplement 2 t
•	to get is Complement of a binacy number
	Simple inevest the gluen number.
•	you can Simply implement logic Ciarreit
	Those are Vacious uses of ti Complement of
	Binary number supresentation and Vaccious
	asithmetic operations for Binary numbers.
	Eg. additions, Subtorations, etc.
F	Example > 17 Binages member > (10101110)
	Example > 1] Binary number > (10101110)2
	iil Binary number > (01110.110)2 L's (ond. of Binary no >110001.001]
	15 (ond. of Binary no >110001.001]

	\$ 0		
S College	of En	P. O	rives

WE THINK ABOUT YOUR PUTURE	Date :
Q4]	Find the ? & Complement of the following numbers:
→	1 0 1 0 1 1 0 1 7 Rinagy number 0 1 0 1 0 0 1 0 > 1 6 Complement + 1 > Add 1 0 1 0 1 0 0 1 1 > 26 Complement
2	· 26 (complement = (01010011)2
Cooks	1 1 0 0 1 0 1 3 Rincery neember 0 0 1 1 0 0 1 0 > 1 6 Complement 0 0 1 1 0 0 1 1 > 2 6 Complement
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	· Answor is (00110011)?



of Engineering	Date:Page No.:	
3	11110000 1 20 30 4 A A A A A A A A A A A A A A A A A A	
→	(2004) (- 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
4	11001100 000 100 100	
>	1 1 0 0 1 1 0 0 3 Rinavy minhors 0 0 1 1 0 0 1 1 316 (complement) + 1 3 Add 1 0 0 1 1 0 1 0 0 36 Complement Answer of 2 6 Complement is (00110100) 2	
5]	10011001 10011001 10011001 Anauca of 25 Complement is (01100111)2	
-		



	Date:Page No.:Page No.:
Q5]	Explain floating-point supercaent? explain mantissa & exponent town using example.
→ 	Floating - Point expresentation of a The floating - Point expresentation of a number has two pasts.
Ī	It supresents a Signed, fired-point number Called mantissa.
2]	The Second point designates position of desimal (on binary point) and is Colled the exponent.
	The fired-point mantiser may be farities on an integer.
	E.p. the dorinal number + 6132.789
	Faction Exponent 0.6132789 +04



ngine stine	Date Par	Date :	Page No. : 12
\$	The Value of export the artical positions is four positions indicated doring	on al	at of partion.
	The equivalent is The Hoating - poi ore - m >	+0.6132	189 X10th
1-	and the state of t	9 4-13	AP 1/c
	I and another and that	ng - havel	, p
12 =	acist and and lands		72
	PALL PROPERTY.	FCFIA O	
THE PARTY NAMED IN		STATE OF THE PARTY	

Le the fallouing execuples resident of composition of the fallouing execuples resident of the fallouing execuples resident of the fallowerst of the fallower		Date : Page No. :- 13.
DE Complement of B S = 3 & Complement of B A = (125)10 B = (35)40 B = (35)40 C = 106 Complement of B 125 C = 36 C = 46 C = 106 Complement of B The		0-12-0
5-35 B = (35)10 B = (35)10 64 64 64 65 64 65 65 66 65 65 66 65 66 67 68 69 69 69 69 69 69 69 69 69 69	10 & Complement	ercamples
5-35 B = (125)10 B = (35)10 99 99 64 64 64 65 64 65 64 65 65 64 65 65 65 64 65 64 65 64 65 64 65 64 65 65 66 70 70 70 70 70 70 70 70 70 70		The state of the s
A= (125)10 B= (35)10 Qq Qq Qq 64 65 65 65 65 65 65 65 65 65	0	The state of the s
We 106 Complement of B 99 64 125 65 65 65 65 65 65 65 65 65	= (175	
12 5 106 Cermploment of B. 64 65 65 65 65 65 65 65 67 65 70 85 85 85 85 85 85 85 85 85 8	000	Total State
12 5 64 64 64 65 65 65 65 65 65 65 65 65 65		The state of the s
64 64 65 12 5 12 5 19 6 19 6 19 6 19 6 19 6 19 6 19 6 19 6	106 (2000)	9
64 65 65 12.5 12.5 69 69 69 69 69 69 69 69 69 69 69 69 69		7
64 as 106 Complement af B. 12 5 19 5 19 6 19 0 19 0 19 0 19 0 19 0 19 0 19 0 19 0	K	A F C
Los los Comploment af B. 12 5 19 65	H	and state in this
Los los Complement af B. 12.5 - 190		The state of the s
12 5 12 5 19 0 19 0 19 0 19 0 19 0 19 0 19 0 19 0	65	+ 50 0000
12 5 12 5 -1 9 0 -1 9 0 -1 9 0 -1 9 0 -1 9 0		Money O All
12.5 -190 -190 -190 -190 -190 -190 -190 -190	1050	7
and ignose Googy.		0,00
and ignore Googs.	9	State of the State
is generated Se ensues is		
d grass Goody.	nead do son	A sir ownsure as
	d ignose	4
28710 (35710 = C	(125) - 01(201)	(35) = (90),0

A= (253)10 A= (253)10 A= (405)10 Aqq -625 -625 Aqq -625 Aqq -625 Aqq -625 Aqq -625 Aqq -625 Aqq -632 -632	1 1 1 2 Complement of B 1 2 2 2000 Ut
106 (maplement of B 999 106 (maplement of B 11 125 145 106 (maplement of B 126 127 128 137 149 149 149 149 149 149 149 14	10 & Complement of B 10 & Complement of B 2 & Secont A 1
(6051) 6 (6051) 6 (6051) 6 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	10 & Complement of B 9 9 1 1 1 4 1 2 1 2 2 2000 18 1 2 3000 18 1 4 1 1 1 4 1 1 1 4 1 1 1 5 1 4 1 1 1 1
105 Complement of B 25 7 + 1	105 Complement of B 105 Complement of B 105 Complement of B 11 12 Secont
1 2 Secont of B 10 & Complement of B 1 1 2 Secont 3	1 2 Seconds of B 3 Se
105 Complement of B 105 Complement of B 11	1 1 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
25 21 21 22 secont 25 of encoult 25 of encoult 25 of encoult 25 of encoult 26 of encoult 27 of encoult 28 of encoult 29 of encoult 20 of encoult	999 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-
25 74 105 Complement of B 12 yearst 2 yearst Pindesesult. Pindesesult. Act generated 5c answers. Mark generated 5c answers.	2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
1 1 1 10 & Complement of B 1 2 securit find securit Pindsecult 1 4 5 1 4 5 1 4 5 1 5 6 2 5 10 = (-368)	1 1 1 10 & Complement of B 1 4 5 2 secont 6 of sicult 1 induces ult net generated 6 amouncas
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 10 & Complement of B 1 2 . seconth Pindenesult Pindenesult Act generated so amouncas
1 1 6 Complement of B 12 secont Pinducesult net generated 6 anomican Net (625) 10 = (-368)	1 10 6 Complement of B 12 securit 12 securit 13 ocault 14 inducesult net generated 60 amouncas
175 Complement of B 12 secont find account Pind account A proceeded 60 amounts Not gone at 625/10 = (-368)	1 10 & Complement of B 1 2 . seconth 1 independit 1 independit 1 independit 1 independit 1 independent 1
A secont of B. Pinal acount	106 Complement of B 5 6 of signift find assult net generated 60 amouses
find eventh find eventh find eventh het generated 6 amoura	Find event
Sinderenth Pinderenth Pinder	of of eventh Pind eventh.
find eventh find eventh per generated 50 answers 210-(625)10=(-368)4	find assult. Pind assult. And someouted 60 amounts.
find acoult. Pind acoult. Act generated 60 amounts.	Pinderesult.
final acount. Pinal acounts. Are forcested so anouses. Me.	find acoult.
final acoust 4. Are forceated 50 amourcas	Pinderesult.
final acosult. net generated 50 answicas	Pindessult.
Pinal second 4.	Pinderosult.
final acoust 4. net generated 50 amourcas	Pinoloeosult.
find everyt.	find coosult.
210 - (625)10 = (-368)	not generated So amountas
310-(625)10 = (-368)	7
5-10-(625)10 = (-368)	megative
	5-210 - (625) - (-368)
THE RESERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN	

()

4] 700-100 A= (100)10 Take 105 Cerent	
01(001) = 1 01(001) = 1	0000
(mara) 50	The state of the s
e	Domont of B
5	A CO O CO C
0	
+ + +	+ 11
000	S. C. C. W.
gold to los C	Employed & B
100	3000
000+	+ 00000
(coloug-0 600	There are some
ob sin krow	alod So amsteros is Positivo
out osoubl burg	- Coses
(Jeo) (0 - 0)	(100)to = (600)to
	120
A Company of the control of the cont	The species of the second seco

SILVER OAK COLLEGE OF ENGINEERING & TECHNOLOGY			lement of B	O CONT.			Employment of B.	1 400		mplement of last 3-digit		D. V. Carendon III		control so acosult is regardice	
SILVER OAK COLLEGE	SS - 1000	A = (850)40 B = (1000)10	Jamas 301 odot	1 9 9 9	0	90000	Add in 106 Co	15	Meora o S & O		999	6 7 1	051	batasang ton si parosated	