	CSC 430 Final Exam Part A & B. PDF limithy Oliver
(A)	Answers
6)	
/	
6.1;	SELECT SI, SID, SZ, SID
	FROM CATALOG SI, CATALOG SZ
	WHERE S1, PID = S1, PID AND SI, price;
6,2:	SELECT GSIO
	FROM Catalog C
	WHERE CISID IN (SELECT SISID FROM Suppliers S
	WHERE S. address = 'Ruction City)
	OR
0-	C.PID IN (SELECT P. PID FROM Parts P
(B)	WHERE Picolor = 'red');
6)	
8118	Statust SSM SMOON SOLM HEAR HEN HEE GRA providy
	R(A, B, C, D, E, F, 6, H)
	FD: ED > EF
	G+H R(A)BCDEFGH)
	A-> B(63
	R(ABCDEFGH) D-EF partial GABCDEFGH
	R(ABCDEFGH) D-EF partial G-ABCDEFGH"
	4 RIGH) de 6+4 non prime
	-> R, (GABLDEF) A-> BLG partial
	Light (DEF) *
	-> R22 (DEABL) or Ry (GPA, exposity)
	Like a (ABCG) K R. (UScalo HCNom, US.)
	LyRiver (AU) & R221 (SSN, SName, SALA, GPA)
	R222 (SSN HScode)

8.23	checks conducted over parse true during optimization:
	- Syntactic check i operators usage is syntactically correct?
	- rolly that relation named referred to are valid.
	- view expansion : ensure parse tree of view is infree where relation node would be
	-attribute check; attribute names referred to are valle?
	- type check: attributes used in expressions have proper types?
91	CTUDENT ANTO Name Subject Localin Score
9.1:	STUDENT OWED Name Subject Location Score  R (A B C D E)
(6.5.	FDs: \( \frac{2}{A} \rightarrow B, \)
	A-> C1
	47 C1 Chak
	L, R= R, VR
	) R, (ABC) MR, (ADE) II, R, MR + B
	$U_1 R_1 \cap R_2 \rightarrow R_1$
	DR, (ABDE) MRZ(DE)
	7
	I Nork  I. R. UR, = R(ABCDE) V I. R. UR, = R(ABDE)
	I. R. UR, = R(ABCDE) V I. R. UR, = R(ABDE)
	II. R, NR = A = BV
72100	III, R, AR, = A Laven FDS
	A+= ABC
	Insclass Answer: (B)- 1 is lassless
	Lossless but 2 15 lossy
	the state of the s
1-16-5-16	
	0.7- 08 - A /

	T. // **
	CSC 430 Final Exam Part B Answers Timothy Oliver
	Separt RID Title AID Author Subject
9.2	R(ABCDE)
	d FDs: {A > B,
3NF	$A \neq D_S$ : $A \neq B$ , $A \neq B$ $A \neq B$ $A \neq B \neq B$ $A \neq B \neq B$ $A \neq B \neq B \neq B$ $A \neq B \neq $
	i. FOS! A-B partial
	R(ABCDE) B-> E transfive
	LAR (ABE) C-D garteal
	WR (AB) * (□===================================
	LAR, 2(BE) * or Rul (RID, Title)
	L>R(CD) * Ry (Title, Subject)
	$L\rightarrow R_2(CD) *$ $R_{2}(Title, Subject)$ $L\rightarrow R_2(AC) *$ $R_2(ATD, Anthor)$
	(RID, AID)
0	