Chapter 2: Basic SQL SELECT Statements

TRUE/FALSE 1. The majority of operations performed on a typical database table utilize the SELECT statement. ANS: T PTS: 1 **REF: 30** 2. When a user asks the database a question, the user is issuing a query. PTS: 1 ANS: T **REF: 31** 3. Each section of a SQL command that begins with a keyword is known as a statement. PTS: 1 REF: 31 ANS: F 4. A clause is a section within a SQL statement that begins with a keyword. ANS: T PTS: 1 REF: 31 5. SQL*Plus is an Oracle tool used to enter and edit SQL statements. PTS: 1 REF: 27 ANS: T 6. SQL*Plus can only be accessed via an internet interface. ANS: F PTS: 1 **REF: 27** 7. A script file containing SQL statements can be executed from SQL*Plus. ANS: T PTS: 1 **REF: 27** 8. The DESCRIBE command is used to view data in a table. ANS: F PTS: 1 REF: 30 9. A query is accomplished by issuing a SELECT statement. ANS: T PTS: 1 **REF: 31** 10. The asterisk symbol (*) can be used in a SELECT statement to indicate that all rows in the table should be displayed in the results. ANS: F PTS: 1 REF: 31|32 11. A user can indicate that all columns of a table should be displayed in the results of a SELECT statement by including an asterisk (*) in the SELECT clause. ANS: T PTS: 1 REF: 31|32

12. Column headings may be truncated in the results of a SELECT statement.

	ANS: T	PTS: 1	REF: 32
13.	The SELECT clause a specified table.	of the SELECT staten	nent is used to identify which rows are to be retrieved from
	ANS: F	PTS: 1	REF: 31
14.	Choosing specific co	lumns to be displayed	by a SELECT statement is known as selection.
	ANS: F	PTS: 1	REF: 33
15.	Choosing specific co	lumns to be displayed	by a SELECT statement is known as projection.
	ANS: T	PTS: 1	REF: 33
16.	If a column name is a displayed in lower ca		n the SELECT statement, the data for the column will be
	ANS: F	PTS: 1	REF: 34
17.	If multiple column nabe separated by a con		SELECT clause of a SELECT statement, the columns must
	ANS: T	PTS: 1	REF: 34 35
18.	The columns display stored in the database		ELECT statement will be in the same order as they are
	ANS: F	PTS: 1	REF: 35
19.	If you assign a colum	nn alias to a column, it	must be enclosed in double quotation marks (" ").
	ANS: F	PTS: 1	REF: 37
20.	By default, a column	alias is displayed in lo	ower case characters in the results.
	ANS: F	PTS: 1	REF: 37
21.	The optional keywor alias.	d AS can be used to in	dicate that the subsequent string of characters is a column
	ANS: T	PTS: 1	REF: 36 37
22.			performed in the SELECT clause of a SELECT statement: (*), division (/), and exponential (^).
	ANS: F	PTS: 1	REF: 39
23.	Parentheses can be u	sed to override the ord	er of operations in an arithmetic expression.
	ANS: T	PTS: 1	REF: 39
24.	The DIST or UNIQ	keywords can be used	to suppress duplicate data in the results of a SELECT

statement.

	ANS:	F	PTS:	1	REF:	42 43		
25.	Conca	tenation refers	to coml	oining the resul	ts of se	veral SELECT star	atements into one result.	
	ANS:	F	PTS:	1	REF:	44 45		
26.	A doul	ble backslash ((\) is us	ed to indicate c	oncater	nation in a SELEC	T statement.	
	ANS:	F	PTS:	1	REF:	44 45		
MOD	IFIED	TRUE/FALSI	E					
1.						used to create a rela	ational database and allows yo	u
	ANS:	F, RDBMS						
	PTS:	1	REF:	30 31				
2.				ws a user to ret	trieve d	ata from a databas	se table.	
		F, SELECT						
	PTS:	1	REF:	30 31				
3.		ntax for a SQL		ent gives the b	asic str	icture required to e	execute the statement.	
	ANS:	Т			PTS:	1 RE	EF: 30 31	
4.	A quei	ry can be execu	ited in t	he <u>SQL*Plus</u> to	ool			
	ANS:	T			PTS:	1 RE	EF: 30 31	
5.	Each s	ection of a stat	ement t	hat begins with	a keyv	vord is known as a	n(n) <u>buffer</u> .	
	ANS:	F, clause						
	PTS:		REF:	31				
6.					atement	are the WHFRF a	and FROM clauses.	
0.				—	atement	are the <u>WILKE</u>	and I Kolvi clauses.	
	ANS:	F, SELECT						
	PTS:	1	REF:	31				
7.	The A	LL option can	be used	in the SELEC	Γ clause	e to indicate that al	ll columns should be retrieved.	

	ANS: F, *
	PTS: 1 REF: 31
8.	Each clause of a SELECT statement <u>must</u> be entered on a new line in SQL*Plus.
	ANS: F, optional
	PTS: 1 REF: 31
9.	The <u>SELECT</u> clause identifies the table containing the data to be queried.
	ANS: F, FROM
	PTS: 1 REF: 31
10.	A column heading that is longer than the width of a column will not be truncated for a column that is defined to store <u>character</u> data.
	ANS: F, numeric
	PTS: 1 REF: 32
11.	The <u>SELECT</u> command can be used to display the structure of a database table.
	ANS: F, DESCRIBE
	PTS: 1 REF: 29
12.	Choosing specific columns from a database through a SELECT statement is known as <u>projection</u> .
	ANS: T PTS: 1 REF: 33
13.	In a(n) <u>SELECT</u> statement, keywords, table names, and column names are not case sensitive.
	ANS: T PTS: 1 REF: 31
14.	When listing more than one column name in the SELECT clause of a SELECT statement, the column names must be separated by <u>semicolons</u> .
	ANS: F, commas
	PTS: 1 REF: 34 35
15.	The use of a column alias in the SELECT clause can be designated by the keyword ALIAS.
	ANS: F, AS

PTS: 1 If a colun	nn alias cont	tains a b	olank spac	e, it must be	enclose	d in <u>double</u> qu	otation marl	ks.
ANS: T				PTS:	1	REF:	37	
	lt, data withi	in a nun	neric colui	mn is <u>right</u> -a	aligned v	when it is disp	layed.	
ANS: T				PTS:	1	REF:	38	
By defaul	lt, data with	in a cha	racter or d —	lata column	is <u>right</u> -a	aligned when	it is displaye	d.
ANS: F,	, left							
PTS: 1		REF:	38					
Insignific	cant zeros <u>ar</u>	<u>e</u> displa	yed for nu	ımeric colun	nns by d	efault to show	two decima	l places.
ANS: F,	, are not							
PTS: 1		REF:	39					
When sol		etic exp	ressions, (solves additio	n and subtrac	ction operations
When sol	n left to right	etic exp	ressions, (n and subtrac	ction operations
When sol first from	n left to right	etic exp	ressions, (expression				n and subtrac	ction operations
When sol first from ANS: F, PTS: 1	n left to right	etic exp in the e	ressions, (expression					
When sol first from ANS: F, PTS: 1	n left to right	etic exp in the e	ressions, (expression		perations		tic expressio	
When sol first from ANS: F, PTS: 1 Parenthes ANS: T The DIST	n left to right , last <u>ses</u> can be us	REF:	ressions, (expression 39 verride the	e order of op PTS:	perations	in an arithme	tic expressio	n.
When sol first from ANS: F, PTS: 1 Parenthes ANS: T The DIST	n left to right , last <u>ses</u> can be us <u>FINCT</u> keyw	REF:	ressions, (expression 39 verride the	e order of op PTS:	perations 1 nat dupli	in an arithme	tic expressio 39 Ild be suppre	
When sol first from ANS: F, PTS: 1 Parenthes ANS: T The DIST of a query ANS: T	n left to right , last ses can be us FINCT keyw y.	etic exp	ressions, (expression 39 verride the	PTS: PTS:	perations 1 nat dupli	in an arithme REF: cate data shou	tic expressio 39 Ild be suppre	n.
When sol first from ANS: F, PTS: 1 Parenthes ANS: T The DIST of a query ANS: T Combining	n left to right , last ses can be us FINCT keyw y.	REF:	ressions, (expression 39 verride the	PTS: PTS:	perations 1 nat dupli	in an arithme REF: cate data shou REF:	tic expressio 39 Ild be suppre	n.
When sol first from ANS: F, PTS: 1 Parenthes ANS: T The DIST of a query ANS: T Combining	r left to right I last Ses can be us FINCT keyw Y Ting the content The conte	REF:	aressions, (expression) 39 verride the	PTS: PTS:	perations 1 nat dupli	in an arithme REF: cate data shou REF:	tic expressio 39 Ild be suppre	n.

ANS: F, single

PTS: 1 REF: 45

MULTIPLE CHOICE

1.	Which of the follows a. QUER b. FROM	ing com	mands is used	c.	•
	ANS: C	PTS:	1	REF:	31
2.	A(n) has a pred a. keyword b. statement ANS: A	lefined	-	c.	syntax clause
3	What is used to indic			stateme	ant?
3.	a. / b. :	rate the	end of an SQL	c. d.	
	ANS: C	PTS:	1	REF:	31
4.	The for a SQL a. clauses b. keywords	stateme	nt gives the bas	sic struc c. d.	•
	ANS: D	PTS:	1	REF:	31
5.	To indicate which da listed in the cla a. SELECT b. FROM			c.	to be selected by a query, the table name should be WHERE HAVING
6.	Which of the follows a. FROM b. WHERE	ing is a	mandatory clau	c. d.	SELECT statement? HAVING both a and b are mandatory
	ANS: A	PTS:	1	REF:	31
7.	Which of the follows a. / b. ;	ing sym	bols represents	all the c. d.	columns contained in a table? * ^
	ANS: C	PTS:	1	REF:	31
8.	The entire column he column, if the column a. character b. alphanumeric ANS: D		ined as a(n)	colu	date numeric
9.	Which of the follows a. CONCATENAT		mands can be u	ised to c.	view the structure of a table? SELECT

	ANS: B	PTS:	1	REF:	30
10.	Which of the followi a. keywords b. column names	ng are ca	ase sensitive in	c.	table names none of the above
	ANS: D	PTS:	1	REF:	31 32
11.					than one column of data, the column names must e following symbols?
	ANS: A	PTS:	1	REF:	34
12.	table.b. Character columnc. The columns will clause of the SEI	l be listens are listell be listen LECT sta	ed in the results sted first in the ed in the results atement.	output in the	same order they are stored in the database , followed by numeric columns. same order they are listed in the SELECT followed by character columns.
	ANS: C	PTS:	1	REF:	35
13.	Which of the following results? a. AS b. FROM ANS: A	ng keyw PTS:		ed to in c. d. REF:	ndicate that a column alias should be included in the SELECT ALIAS 37
14.	If a column alias con a. single quotation b. double quotation	marks (' marks (') " ")	c. d.	asterisks (* *) percent signs (% %)
	ANS: B	PTS:	1	REF:	36
15.	A column alias must following? a. blank spaces b. special symbols c. characters that sh d. all of the above			Î	uotation marks (" ") if it contains which of the mixed case
	ANS: D	PTS:	1	REF:	36
16.	Which of the followi a. character b. date	ng types	of columns wi	ill auto c. d.	matically right-align the data when it is displayed? alphanumeric numeric
	ANS: D	PTS:	1	REF:	38

d. none of the above

b. DESCRIBE

17.	Which of the followdisplayed?	wing types	s of columns w	vill auto	omatically left-align the column heading when it is
	a. character			c.	date
	b. numeric			d.	both a and c
	ANS: D	PTS:	1	REF:	38
18.	What is the correct employed by Oracl				ession 9+2*3-2 using the order of operations
	a. 13			c.	10
	b. 31			d.	12
	ANS: A	PTS:	1	REF:	39
19.	What is the correct employed by Oracl				ression 2+8/2*9/3 using the order of operations
	a. 0.1	J	0 1	c.	15
	b. 4.8			d.	14
	ANS: D	PTS:	1	REF:	39
20.	What is the correct employed by Oracl				ession 9+2*(3-4) using the order of operations
	a11			c.	9
	b18			d.	7
	ANS: D	PTS:	1	REF:	39
21.	What is the correct employed by Oracl				ression $(2+8)/2*9/3$ using the order of operations
	a. 1.336			c.	15
	b. 4.8			d.	14
	ANS: C	PTS:	1	REF:	39
22.	a. UNIQ	wing keyv	vords can be ir	c.	
	b. DISTINCT			d.	all of the above
	ANS: B	PTS:	1	REF:	42
23.	Which of the follow of output?	wing syml	ools can be use	ed to co	mbine data from different columns into one column
	a. Î			c.	%
	b. ^			d.	*
	ANS: A	PTS:	1	REF:	44 45
24.	Combining the con	tents of ty	vo or more col	lumns is	s known as .
	a. projection			c.	
	b. concatenation			d.	suppression
	ANS: B	PTS:	1	REF:	44 45
25.	A string literal mus	t he engle	seed in		
۷۵.	a. single quotation			c.	asterisks (* *)

b. double quotation marks (" ") d. percent signs (% %)

ANS: A PTS: 1 REF: 45

Contents of the PUBLISHER table

CONTRACT CEEDINIER WOLF								
CONTACT	PHONE							
TOMMIE SEYMOUR	000-714-8321							
JANE TOMLIN	010-410-0010							
DAUID DAUIDSON	800-555-1211							
RENEE SMITH	800-555-9743							
SEBASTIAN JONES	800-555-8284							
	TOMMIE SEYMOUR JANE TOMLIN DAVID DAVIDSON							

- 26. Based upon the contents of the PUBLISHER table, which of the following SELECT statements will display the publisher's name first in the results?
 - a. SELECT * FROM publisher;
 - b. SELECT pubid, contact FROM publisher;
 - c. SELECT name, publisherID FROM publishers;
 - d. none of the above

ANS: D PTS: 1 REF: 31|35

- 27. Based upon the contents of the PUBLISHER table, which of the following is not a valid SQL statement?
 - a. SELECT * FROM publisher;
 - b. SELECT name, contact FROM publisher/
 - c. SELECT name, phone FROM publisher

/

d. SELECT *

FROM publisher;

ANS: B PTS: 1 REF: 34|35

- 28. Based upon the contents of the PUBLISHER table, which of the following is a valid SQL statement?
 - a. SELECT contact Contact's Name

FROM publisher;

b. SELECT contact, name

FROM publisher;

- c. SELECT publisherID
 - FROM publisher;
- d. SELECT name

FROM publishers;

ANS: B PTS: 1 REF: 34|35

- 29. Based upon the contents of the PUBLISHER table, which of the following is a valid SQL statement?
 - a. SELECT * FROM pubid;
 - b. SELECT * FROM name;
 - c. SELECT * FROM contact;
 - d. SELECT * FROM publisher;

ANS: D PTS: 1 REF: 31|32

- 30. Based upon the contents of the PUBLISHER table, which of the following SQL statements will display only two columns in the results?
 - a. SELECT * FROM publisher;
 - b. SELECT contact name FROM publisher;
 - c. SELECT contact person, name FROM publisher;
 - d. none of the above

ANS: C PTS: 1 REF: 34|35

- 31. Based upon the contents of the PUBLISHER table, which of the following SQL statements will execute without returning an error message?
 - a. SELECT pubid PUBLISHERID name FROM publisher;
 - b. SELECT pubid name FROM publisher;
 - c. SELECT pubid "PUBLISHER ID" name FROM publisher;
 - d. all of the above

ANS: B PTS: 1 REF: 34|37

Contents of the BOOKS table

* Oracle:	SQL#Plus					
File Edit S	earch Options Help					
HBZ	TITLE	PUBDATE	PUBID	COST	RETAIL	CATEGORY
8598311	P8 BODYBUILD IN 18 MINUTES A DAY	21-JAN-01	4	18.75	30.95	FITHESS
4011407	3 REVENSE OF NICKEY	14-DEC-61	10	14.2	22	FAMILY LIFE
9813417	IN BUILDING A CAR WITH TOOTHPICKS	18-HAR-02	2	37.8	59.95	CHILDRENS
8431721	13 DATABASE IMPLEMENTATION	84-JUN-99	3	31.4	55.95	COMPUTERS
4372124	0 COOKING WITH MUSHROOMS	28-FEB-00	4	12.5	19.95	COOKING
9571364	S HOLY GRAIL OF ORACLE	31-DEC-01	3	47.25	75.95	COMPUTERS
91576249	2 HANDCRANKED COMPUTERS	21-JAN-01	3	21.8	25	COMPUTERS
9597893	21 E-BUSINESS THE EASY WAY	01-HAR-02	2	37.9	54.5	COMPUTERS
4917483	0 PAINLESS CHILD-REARING	17-JUL-00	5	48	89.95	FAMILY LIFE
2992825	19 THE WOK WAY TO COOK	11-SEP-00	14	19	28.75	COOKING
1179493	1 BIG BEAR AND LITTLE DOVE	08-NOV-01	5	5.32	8.95	CHILDRENS
11321498	1 HOW TO GET FASTER PIZZA	11-NOV-02	4	17.85	29.95	SELF HELP
2473818	11 HOW TO MANAGE THE MANAGER	89-HAY-99	1	15.4	31.95	BUSINESS
214742889	O SHORTEST POEMS	91-HAY-91	5	21.85	39.95	LITERATURE

- 32. Which of the following SQL statements will display the profit generated by each book currently stored in the BOOKS table?
 - a. SELECT * FROM books;
 - b. SELECT title, retail, cost profit FROM books;
 - c. SELECT title, retail-cost FROM books;
 - d. all of the above

ANS: C PTS: 1 REF: 39

33. Based upon the contents of the BOOKS table, which of the following columns will be displayed with a right-aligned column heading?

a. titleb. pubdatec. categoryd. pubid

ANS: D PTS: 1 REF: 38

- 34. Based upon the contents of the BOOKS table, which of the following is a valid SQL statement?
 - a. select pubid, isbn, from books;
 - b. select * FROM pubid;
 - c. select pubid, "Publisher ID" from books;

	d. none of the above	e		
	ANS: D	PTS: 1	REF:	31 35
35.	Which of the followi a. SELECT title, re b. SELECT title, re c. SELECT DISTIN FROM books/ d. all of the above	tail-cost FROM book tail-cost "Profit"		
	ANS: A	PTS: 1	REF:	39
36.	columns in its output a. SELECT * FROM b. SELECT title, re	?	OM book	ch of the following SQL statements will display two
	ANS: B	PTS: 1	REF:	37 39
37.	results? a. SELECT * FRO	M books; NCT category, ISBN l title FROM books;		nmn of the BOOKS table as the first column in its books;
	ANS: D	PTS: 1	REF:	35
38.	rows in its results? a. SELECT DISTING b. SELECT DISTING	ents of the BOOKS tall NCT category FROM NCT pubid FROM bo JE pubid, title FROM	books; oks;	ch of the following SQL statements will display five
	ANS: B	PTS: 1	REF:	42
39.	originally cost? a. SELECT title, co b. SELECT title, co	ost+.20 "New Retail P ost*.20 "New Retail P ost*1.20 "New Retail I	rice" FF	ROM books;
	ANS: C	PTS: 1	REF:	36 39
40.	retail price for two co a. SELECT * FROM	opies of each book cur M books; tail+retail FROM boo tail^2 FROM books;	rrently i	ch of the following SQL statements will display the n inventory?

ANS: B PTS: 1 REF: 39

Structure of the ORDERS table

+ Oracle SQL*Plus									
File Edit Search Options Help									
Name	Nu11?	Туре							
ORDER# CUSTOMER#	NOT NULL	NUMBER(4) NUMBER(4)							
ORDERDATE SHIPDATE		DATE							
SHIPSTREET		VARCHAR2(18)							
SHIPCITY		VARCHAR2(15) VARCHAR2(2)							
SHIPZIP		VARCHAR2(5)							

- 41. Based upon the structure of the ORDERS table, which of the following is a valid SQL statement?
 - a. SELECT customer # FROM orders;
 - b. SELECT "order#", "customer#" FROM orders;
 - c. SELECT order#, orderdate DateOrdered FROM orders;
 - d. none of the above

ANS: C PTS: 1 REF: 35|39

- 42. Based upon the structure of the ORDERS table, the column heading for which column will be truncated in the results?
 - a. customer#b. orderdatec. shipstreetd. shipzip

ANS: D PTS: 1 REF: 33

- 43. Which of the following is a valid SQL statement to retrieve data from the ORDERS table?
 - a. SELECT DISTINCT customer#, DISTINCT order# FROM orders;
 - b. SELECT customer#, street, city, state, zip FROM orders;
 - c. SELECT order#, orderdate, shipdate FROM orders;
 - d. all of the above

ANS: C PTS: 1 REF: 35

- 44. Which of the following is a valid SELECT statement?
 - a. SELECT order#, || 'was shipped on '|| shipdate;
 - b. SELECT order# || 'was shipped on '|| shipdate;
 - c. SELECT order# || " was shipped on " || shipdate;
 - d. none of the above

ANS: D PTS: 1 REF: 42

- 45. Which of the following statements can be used to view the structure of the ORDERS table?
 - a. SELECT * FROM orders;
 - b. DESCRIBE ORDERS
 - c. LIST ORDERS;
 - d. none of the above

ANS: B PTS: 1 REF: 29

46.	Based upon the structure of the ORDERS table, which of the following SQL statements will return an error message upon execution? a. SELECT * FROM orders; b. SELECT order# customer# FROM orders; c. SELECT order#, "order number" FROM orders; d. both b and c							
	ANS:	С	PTS:	1	REF:	37		
COM	PLETI	ION						
1.			sta	tements can be	used to	retrieve data from	database tab	les.
	ANS:	SELECT						
	PTS:	1	REF:	30 31				
2.	A		i	is used to end a	SQL st	tatement.		
	ANS:	semicolon						
	PTS:	1	REF:	31				
3.	The na		e contai	ning the data to	be retr	rieved is specified i	n the	
	ANS:	FROM						
	PTS:	1	REF:	31				
4.	The na	ames of the col	umns to	be retrieved an	re listed	l in the		clause.
	ANS:	SELECT						
	PTS:	1	REF:	31				
5.	Oracle	ellg comes in					_ editions.	
	ANS:	three (persona	ıl, stand	lard, enterprise)	١			
	PTS:	1	REF:	26				
6.	A SEI	LECT statemen	t is also	referred to as a	a			
	ANS:	query						
	PTS:	1	REF:	31				
7.		olumn heading in heading will	_	_	ned wid	dth of a(n)		field, the
	ANS:	character						

	PTS: 1 REF: 33				
8.	If a column heading is longer than the assigned width of a character column, the column heading will be				
	ANS: truncated				
	PTS: 1 REF: 33				
9.	Choosing specific columns in a SELECT statement is known as				
	ANS: projection				
	PTS: 1 REF: 33				
10.	A(n) is an alternative column heading displayed in the output of a query.				
	ANS: column alias				
	PTS: 1 REF: 36				
11.	The optional keyword can be used to distinguish between a column name and a column alias.				
	ANS: AS				
	PTS: 1 REF: 37				
12.	If you do not want a column alias to appear in all upper case characters, the column alias must be enclosed in marks.				
	ANS: double quotation				
	PTS: 1 REF: 37				
13.	By default, the data for character fields are displayed aligned when they are displayed.				
	ANS: left left-				
	PTS: 1 REF: 38				
14.	By default, the data for a numeric column is aligned when it is displayed.				
	ANS: right right-				
	PTS: 1 REF: 38				
15.	You can include to override the order of operations when solving arithmetic expressions.				

	ANS: parent	heses		
	PTS:	1	REF:	39
16.		licate data.		_ keyword can be included in a SELECT statement to suppress the display
	ANS: UNIQ DISTI			
	PTS:	1	REF:	42
17.	Comb	ining the conte	ents of t	wo or more columns is known as
	ANS:	concatenation	1	
	PTS:	1	REF:	44 45
18.				_ can consist of numbers, characters, or special symbols that should be y as entered by the user.
	ANS:	string literal		
	PTS:	1	REF:	46
19.	A strii	ng literal must	be enclo	osed in marks.
	_	quotation -quotation		
	PTS:	1	REF:	46
20.	In an a		ression,	multiplication and are always solved first in
	ANS:	division		
	PTS:	1	REF:	39
21.				xpressions, Oracle $l0g$ always performs the operations by starting on the e of the expression.
	ANS:	left		
	PTS:	1	REF:	39
22.	The _			_ command can be used to display the structure of a table.

	ANS: DESCRIBE				
	PTS: 1	REF: 29			
23.	A(n) is included in the SELECT clause to indicate that all columns in the specified table should be listed in the results.				
	ANS: asterisk				
	PTS: 1	REF: 31 32			

ESSAY

1. When should double-quotation marks (" ") be used in a SELECT statement?

ANS:

Double-quotation marks are used when a column alias included in the SELECT statement contains blank spaces, special symbols, or to indicate that the column alias should be displayed in lower or mixed case.

PTS: 1 REF: 37

2. What are the mandatory clauses of a SELECT statement and what do they represent?

ANS:

The only mandatory clauses of a SELECT statement are the SELECT and FROM clauses. The SELECT clause is used to indicate the columns that are to be displayed in the results while the FROM clause is used to indicate the table containing the data to be displayed.

PTS: 1 REF: 31

3. Explain how the DISTINCT keyword effects a SELECT statement that lists two columns in the SELECT clause.

ANS:

The DISTINCT keyword will only suppress duplicate data if the combination of the data in the two columns is duplicated. If the combination of data in the referenced columns is unique for each record in the table, then each record will still be displayed in the results.

PTS: 1 REF: 42|43