SQL*PLUS, SQL, PL/SQL, Forms and Reports

Questions 1 to 23 are from SQL*Plus.

1.	Which of the following activities are you al command?	lowed to do after executing the DISCONNECT				
	(a) Reconnect	(b) Exit the SQL*Plus session				
	(c) Execute certain SQL*Plus commands	(d) None of these				
2.	What does the / command do?					
	(a) Does nothing					
	(b) Prints the character /					
	(c) Re-executes the non SQL*Plus command that was most recently executed.					
	(d) Re-executes the most recently executed					
3.	- [38] [1] 이 [4] 이 이 이 이 이 이 이 일었다고 있는데 이 [4] [2] [2] 이 이 이 이 이 [4] [4] [4] [4] [4] [4] [4] [4] [4] [4]	UTPUT.PUT_LINE is not doing what it is sup				
	(a) SET ECHO ON	(b) SET TERMOUT ON				
	(c) SET DISPLAY ON	(d) SET SERVEROUTPUT ON				
4.	SQL*Plus will know you are typing a PL/SQ	L block when it encounters the keyword				
	(a) PL/SQL (b) BEGIN	(c) EXCEPTION (d) DECLARE				
5.	Which of the following is buffered by SQL*	Plus?				
	(a) SQL statements	(b) SQL*Plus commands				
	(c) PL/SOL block	(d) None of these				

6.	A script file that is e	executed by SQL*Plus ca	annot o	contain	40
	(a) SQL*Plus comm	[1] 전경 [1] (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)		SQL statemen	nts
	(c) PL/SQL block	iano.	0.05180	none of these	
7	Script files can be ex	recuted by the	(0)	none or mese	
	(a) START comman	(c)	(b)	STA commar	nd
	(c) @ command	iu :	100000	EXECUTE c	
Q		at of the date returned by			
	(a) ALTER SESSIC		5131	DATE, use na	Command
	(b) ALTER SESSIO				
	(c) ALTER SESSIO				
		N SET STSDATE N SET NLS_DATE_FO	DMA	т	
0	- [[일하다 시기 기로 전기를 잃었다] - [[일하다 기로 기를 입니다.				ment in SQL*Plus scripts?
7.					
10	(a) The DUAL table has	(b) REMARK	(e)	/**/	(d) None of these
10.			(6)	One column	with many rows
	(a) One row with m	127	9.265		20 B) 2
	(c) One row and one		1 1 1 2 1		nd many columns
11.		nmand if used on a table			
	- 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	(b) Default Values		c) Indexes	(d) Triggers
12.		onary view lets you acce			
	(a) owned by you		1775		u have access rights
	(c) in the database			none of these	8
13.		return data to SQL*Plu			- T
	(a) bind variables		2725	substitution v	
	(c) local variables		-500	none of these	
14.		ing is not a type of data			
	(a) USER	(b) ALL		DBA	(d) SYS
15.	Which of the follow mand on functions?	ing information will be	displa	yed when yo	u use the DESCRIBE com-
	(a) Data type of the	return value	(b)	Data type of	the parameters
	(c) Mode of the para	ameters	(d)	Default value	of the parameters
16.	The owner of the Di	JAL table is			
	(a) SYS	(b) SUPERUSER	(c)	SCOTT	(d) MANAGER
17.	Which of the follow information about th		is use	d by the DES	CRIBE command to extract
	(a) ALL_TABLES	(a) ALL_TABLES		ALL_COLU	MNS
	(c) ALL_COLS		(d)	ALL_TAB_C	COLUMNS
18.	SGA stands for				
	(a) Show Global Ar	ea	(b)	Start Global	Area
	(c) System Global A	Area	(d)	Shut Global	Area

19.	more than a line a	g a SELECT statement. In and you see a line after a set			
	the				
	(a) SET LINESIZ	ZE command			
	(b) SET PAGESI	ZE command			
	(c) SET LINESIZ	ZE and SET PAGESIZE co	mmands		
	(d) SET SCREEN	NWIDTH command			
20.	Which command	is used to get input from th	e user?		
	(a) GET	(b) ACCEPT	(c) READ	(d) CIN	
21.	Which of the follo	owing remarks about SQL*	Plus are correct?		
		L development tool			
	(b) It works in ch	60 (0)			
	[12] [13] [14] [15] [15] [15] [15] [15] [15] [15] [15	al part of the standard Orac	ele installation		8
		ve a PL/SQL engine			ä
22.	사람이 있는 사람이 사람이 가는 가게 하는 것이다.	ssign a value to a variable,	precede the variable r	name with	234
	(a) :	(b)	(c) getVal	(d) &	
23	STOTISTES WAY TO STOTE	owing SQL*Plus command	and the second s		errors in a
23.	PL/SQL code?	ES		S.	
	(a) TRACE	(b) SHOW ERRORS	(c) PROFILE	(d) DEI	BUG
		Questions 24 to 10	9 are from SQL.		
24.	NOT BETWEEN	10 AND 20			
	(a) displays NUL	L values	(b) does not displa	y NULL value	s
	(c) may display N		(d) none of these		
*25.	The SQL statemen		555		
		R('123456789', INSTR('al	ocabcabe', 'b'), 4) FI	ROM DUAL;	
	(a) 6789	(b) 2345	(c) 1234	(d) 456789	2014
*26.	The SELECT stat		(4)	17.00	
		ROM DUAL WHERE 1	= NULL;		1.1
	(a) Hi	(b) FALSE	(c) TRUE	(d) nothing	
27.		owing group functions igno			
	(a) MAX	(b) COUNT		(d) COUN	Γ(*)
*28.	51777.01837.5219	as 10 records. It has a non-N			97. KW
	SELECT COUNT FROM EMPLOY	(*) FROM EMPLOYEE W	HERE SALARY > A	ANY (SELECT	SALARY
	prints	and the same of th	0.203-0.00	40.0	
	(a) 10	(b) 9	(c) 5	(d) 0	7

*29.	The SQL stateme	ent		
		TR('abcdefghij', INSTR(123321234', '2', 3, 2),	2) FROM DUAL;
	prints	4. 44	V 3. 1	7.6
	(a) gh	(b) 23	(c) be	(d) ab
*30.		ng combinations of wilde		0.000
	(a) %	(b) _%	(c) %_	(d)
*31.	The SQL stateme			
		D(45,926, -1) FROM D		
	(a) is illegal	(b) prints garbage	(c) prints 045.926	(d) prints 50
32.	Which of the foll	lowing must be enclosed	in double quotes?	
	(a) Dates	(b) Column Alias	(c) Strings	(d) All of these
*33.	If the SQL states	nent		
	SELECT NEXT prints	_DAY('01-SEP-95', 'FRI	DAY') FROM DUAL	
	08-SEP-95			
	what will the SQ	L statement		
		DAY('01-SEP-95', 'SAT	URDAY') FROM DU	NL;
		(b) 02 CEP 05	(a) 05 CED 05	(d) 06-SEP-95
	(a) 09-SEP-95	171.6	(c) 03-3EF-93	(a) 00-SEP-93
*34.	The SELECT sta			
	outputs	ROM DUAL WHERE		ACC 1004
	(a) TRUE	(b) Hi	(c) FALSE	(d) nothing
*35.	In SQL, 10/NUL	L will evaluate to		
	(a) FALSE	(b) -1	(c) NULL	(d) 10
36.	Almost all the D	ATE functions return a vi	alue of data type DATE	i, except
	(a) MONTHS_B	ETWEEN	(b) ROUND	
	(c) NEXT_DAY		(d) TRUNC	
37.	The SELECT sta	tement		
		R('AbCd'), UPPER('AbC	cd'), INITCAP('AbCd o	Fgh') FROM DUAL;
	will print	AL AFEA	(L) -L-I I DOD	non regu
	(a) abcd ABCD		(b) abed ABCD A	
***	(c) abed ABCD		(d) abed ABCD a	BCD erGH
*38.	The SQL stateme		2000	
		C(45.926, -1) FROM D		USA 80 ⁽⁰⁾ 85%
	(a) is illegal	(b) 5	(c) prints 45.9	(d) prints 40
39.	The SQL stateme	ent		
	SELECT SUBS	FR(*123456789*, INSTR('abcabcabc', 'b', 4)) F	ROM DUAL;
	(a) 2345	(b) 6789	(c) 56789	(d) 89

40. The SQL statement

SELECT SYSDATE FROM DUAL:

prints

06-FEB-05

Consider the three SQL statements

SELECT TO_DATE((LTRIM (RTRIM('NOV 23, 2005'))), 'Mon DD, YY') FROM DUAL;
— Statement 1

SELECT TO_DATE((RTRIM (LTRIM(' NOV 23, 2005 '))), 'Mon DD, YY') FROM DUAL; — Statement 2

SELECT TO_DATE('NOV 23, 2005', 'Mon DD, YY') FROM DUAL; — Statement 3 Which of these statements gives the same output?

(a) Only Statement 1 and Statement 2

(b) Only Statement 1 and Statement 3

(c) Only Statement 2 and Statement 3

(d) All the three statements give the same output

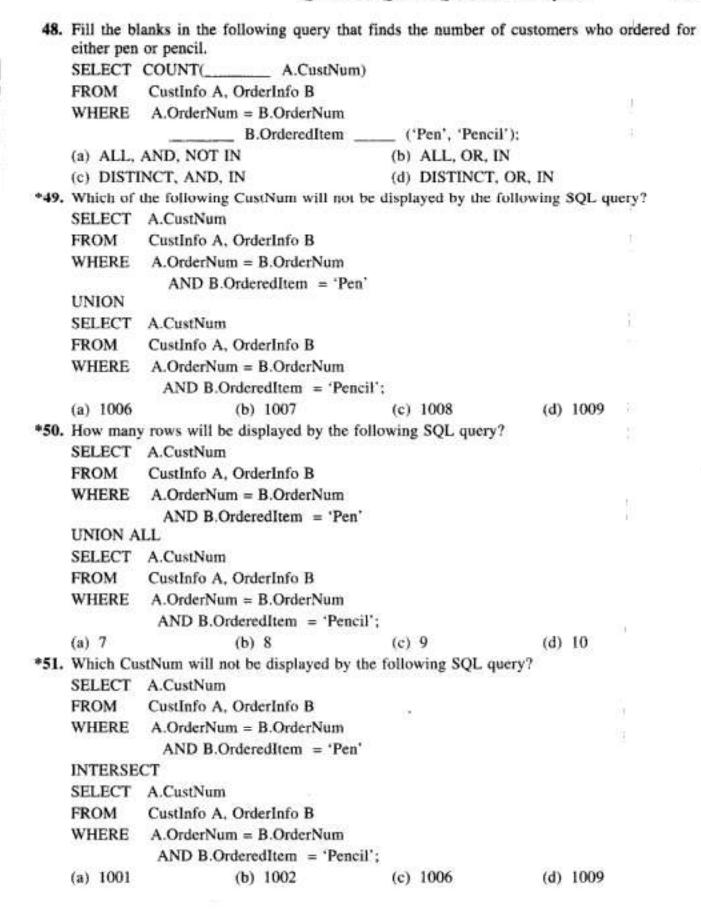
The next 20 questions (41-60) are based on the following three tables.

Table	Nan	ne:	Cust	Info
-------	-----	-----	------	------

CUSTNUM	CITY	ORDERNUM
1001	Kanpur	2001
1002	Vizag	2002
1003	Guntur	2003
1004	Agra	2004
1005	Guntur	2005
1006	Pune	2006
1007	Gentur	2007
1008	Pune	2008
1009	Delhi	2009
1010	Imphal	2010

Table Name: OrderInfo

ORDERNUM	ORDERDATE	ORDEREDITEM	QUANTITY
2001	02-FEB-05	Pen	5
2001	02-FEB-05	Pencil	3
2002	13-JAN-05	Pen	3
2002	13-JAN-05	Pencil	8
2003	11-JAN-05	Table	1
2004	11-JUN-04	Chair	4
2005	11-JAN-04	Table	1
2006	17-APR-01	Pen	10
2007	21-JUL-04	Pencil	20
2008	15-JAN-05	Table	2
2009	10-OCT-02	Table	1
2009	10-OCT-02	Pen	1
2009	10-OCT-02	Pencil	1
2010	18-OCT-03	Table	1



56.	Which of the following remarks about the following query are true? SELECT DISTINCT(A.CustNum)						
		DISTINCT(A.CustNum)					
	FROM	CustInfo A, OrderInfo B	178				
	WHERE		i karang sa	C Iron None			
		AND B.OrderedItem = (SEI		C.ItemName			
		FRO		ItemInfo C			
		WH				Max(C.UnitPrice))
				FROM ItemIr	1fo C));		
	. 70 4100 10 20 20 20 7	uery is syntactically wrong					
	(b) It return	rns 5 rows					
	(c) One of	f the CustNum returned is 10	08				
	(d) It retu	rns all CusNum that ordered a	a table				
*57.	Which of the listed options can fill the blank if the following query displayed exactly 6 rows?						
	SELECT	DISTINCT(A.CustNum)					
	FROM	CustInfo A, OrderInfo B					
	WHERE	A.OrderNum = B.OrderNum					
		AND B.OrderedItem IN (S	SELECT	C.ItemNam	ė		
		F	ROM	ItemInfo C			
		V	VHERE	C.UnitPrice	>);		
	(a) 2	(b) 8	64	20	(d)	30	
*58.	What is th	e CustNum that will be displa	ayed by ti	ne following o	query?	*	
	SELECT	DISTINCT(A.CustNum)	9 33	(55)			
	FROM	CustInfo A, OrderInfo B					
	WHERE		n				
		AND B.OrderDate = (SELE	CT MA	X(C,OrderDa	ite)		
		FROM		lerInfo C);			
	(a) 1001	(b) 1002		2) 1003	(d)	1004	
*59.		rows are returned by the fol	ACCOUNTS OF THE PARTY OF THE PA		74.75	5.7.700	
	SELECT DISTINCT(A.CustNum)						
	FROM						
	WHERE		n				
	· · · · · · · · · · · · · · · · · · ·	AND B.OrderDate BETWEEN '11-JUN-04' AND '02-FEB-05';					
	(a) 4	(b) 5		c) 6	(d)		
*60.	The query	WANTA HILLO	5.2		(4)	±.0	
		SYSDATE FROM DUAL:					
	displays	reserve from some,					
	02-FEB-05						
	OF-LED.O.						

	How many	y rows will be displayed by the	following query?					
	SELECT	DISTINCT(A.CustNum)						
	FROM	CustInfo A, OrderInfo B						
	WHERE	A.OrderNum = B.OrderNum						
		AND SUBSTR(TO_CHAR(CHAR(SYSDATE), 8) FROM		(SELECT SUBSTR(TO				
	(a) 1	(b) 2	(c) 3	(d) 4				
61.		the following combinations of character %?	wildcard characters h	as the same meaning as the				
	(a) %%	· (b) _%	(c) %_	(d)				
52.	The SELE	CT statement						
	SELECT outputs	'Hi' FROM DUAL WHERE	NULL = NULL;					
	(a) Hi	(b) FALSE	(c) TRUE	(d) nothing				
53.	Which of	the following is illegal?						
	(a) SELE	(a) SELECT SYSDATE - SYSDATE FROM DUAL;						
	(b) SELE	CT SYSDATE - (SYSDATE -	2) FROM DUAL;					
	(c) SELE	(c) SELECT SYSDATE - (SYSDATE + 2) FROM DUAL;						
	(d) None	of these						
4.	When a S	ELECT statement displays data						
	(a) dates	(a) dates and strings will be justified to the left by default						
	(b) number	b) numbers will be justified to the right by default						
	(c) dates) dates and strings will be justified to the right by default						
	(d) number	ers will be justified to the left b	y default					
5.	If a query	f a query involves NOT, AND, OR with no parenthesis						
	(a) NOT	a) NOT will be evaluated first; AND will be evaluated second; OR will be evaluated last.						
	(b) NOT will be evaluated first; OR will be evaluated second; AND will be evaluated last.							
	(c) AND will be evaluated first; OR will be evaluated second; NOT will be evaluated last.							
	(d) the order of occurrence determines the order of evaluation.							
66,	Choose th	Choose the correct statements.						
	(a) ORDE	(a) ORDER BY NAME ASC, displays NULLs last						
	(b) ORDER BY NAME DESC, displays NULLs first							
	(c) ORDER BY NAME ASC, displays NULLs first							
	(d) ORDE	d) ORDER BY NAME DESC, displays NULLs last						
57.	The SQL	statement						
	SELECT I	LENGTH(") FROM DUAL;	" is two single quo	tes				
	(a) 0	(b) a garbage value	(c) NULL	(d) 1				

68.	The SQL statemen	nt		
	SELECT INSTR	'abcdecfg', 'c') FROM	DUAL ;	
	prints,	500 %		
	(a) 2	(b) 3	(c) 5	(d) 6
69.	The SQL statemen	nt		
		abcd',10,'*') FROM DI	JAL;	
	prints,	72.0 - 92.009.000 - 93		un Paraganan
215	(a) abcd*****	(b) *****abed	(c) ***abcd***	(d) ********
70.		E has 5 rows. Consider th		
	100	ABLE myTable AS (SEL		YEE);
		TO myTable SELECT *		
	- 19일곱 및 인터넷 기업 및 19일시 및 19일시	TO myTable SELECT *	이렇게 뭐야 없어? 하나 아이를 하는데 없는	
	- 3 10구 시는 11시간 중 12시간 11시간 (1)	TO myTable SELECT *	[전경기(전경기 2명 전(전기)(1명기(1명기)	
	SQL> INSERT IN	TO myTable SELECT *	FROM myTable;	
	If the SQL stateme	ent		
	SELECT COUNT	(*) FROM MYEMP;		
	is executed after e	xecuting all the statement	s listed above, what wi	ll be printed is
	(a) 80	(b) 25	(c) 20	(d) 5
*71.	Let the statement			
	SELECT column	I FROM myTable;		
	return 10 rows. Th	ne statement		
	SELECT ALL co	olumn1 FROM myTable	;	
	will return			
	(a) less than 10 re	ows	(b) more than 10 re	ows
	(c) exactly 10 row	vs	(d) none of these	95
*72.	The SQL statemen	nt		
	SELECT (NVL(N	VVL(NULL, 3), 4)) FROM	M DUAL;	
	(a) prints 3	(b) prints 4	(c) prints NULL	(d) is illegal
*73.	Table Employee ha The SQL statemen	as 10 records. It has a non- it	NULL SALARY colum	n which is also UNIQUE
	SELECT COUNT FROM EMPLOYI prints	(*) FROM EMPLOYEE EE);	WHERE SALARY > /	ALL (SELECT SALARY
	(a) 10	(b) 9	(c) 5	(d) 0
*74.	The SELECT state	ement		
	SELECT 'Hi' FI	ROM DUAL WHERE	!= NULL;	
	(a) Hi	(b) FALSE	(c) TRUE	(d) nothing
75.	Which of the follo	wing SQL commands car	be used to add data to	a database table?
	(a) ADD	(b) UPDATE	(c) APPEND	(d) INSERT

76. The SQL statement

SELECT DECODE(2, 2, DECODE(3, 3, 2)) FROM DUAL;

- (a) is illegal
- (b) prints garbage
- (c) 3
- (d) 2

*77. Which of the following joins is also called as an 'inner join'?

- (a) Non-Equijoin
- (b) Self-Join
- (c) Equijoin
- (d) None of these

The next 13 questions (78-90) are based on the following table.

TrainNum	From	To	Throught	Through2	Through3
1	Chennai	New Delhi	Vijayawada	Jhansi	Agra
2	Vijayawada	New Delhi	Jhansi	Agra	SEATING.
3	Hyderabad	Kanpur	Vijayawada	Jhansi	
4	Hyderabad	Kanpur	New Delhi	Agra	
5	Vijayawada	Agra	Hyderabad	Jhansi	Kanpur
6	Chennai	Vijayawada			

78. The SQL statement

SQL> SELECT COUNT(*) FROM train_info

WHERE through1 LIKE '%ad%';

will print,

(a) I

(b) 2

(c) 3

(d) 4

*79. How many record(s) will be printed by the following SQL query?

SQL> SELECT A.From, B.To FROM train_info A, train_info B

WHERE A.To = B.From:

- (a) No record
- (b) 1 record
- (c) 2 records
- (d) None of these

80. The SQL statement

SQL> SELECT COUNT(*) FROM train_info A, train_info B

WHERE A.start_city = B.start_city AND A.destination_city = B.destination_city; will print,

(a) 6

(b) 7

- (c) 8
- (d) none of these

81. The SQL statement

SQL> SELECT COUNT(*) FROM train_info A, train_info B

WHERE A.start_city = B.start_city AND A.destination_city = B.destination_city

AND A.trainNum <> B.trainNum:

will print,

(a) 0

(b) 1

- (c) 2
- (d) none of these

82. The SQL statement

SQL> SELECT COUNT(*) FROM train_info A, train_info B, train_info C; will print,

(a) 6

- (b) 18
- (c) 12
- (d) 216

*90. The SQL statement SQL> SELECT A.From, B.From FROM train info A, train info B GROUP BY(A. From, B. From) HAVING A.From = 'Vijayawada'; will print, (a) 3 records (b) 4 records (c) 5 records (d) 6 records 91. Choose the correct statements. (a) Column alias cannot be used in the ORDER BY clause (b) Column alias can be used in the ORDER BY clause (c) Column alias can be used in the WHERE clause (d) Column alias cannot be used in the WHERE clause 92. The WHERE clause - WHERE city LIKE '%a_%b' cannot display (a) ab (b) abb (c) a_b (d) a_%b *93. Choose the correct statements. (a) FALSE AND NULL is FALSE (b) TRUE AND NULL is NULL (c) NOT NULL is NULL (d) FALSE OR NULL is NULL *94. Choose the correct statement that is based on a SQL query that has its ORDER BY clause defined as ORDER BY name, game DESC (a) Vijay, Golf will be listed before Anand, Chess (b) Anand, Chess will be listed before Vijay, Golf (c) Bhupathi, Tennis will be listed before Anand, Chess (d) Bhupathi, Tennis will be listed before Vijay, Golf *95. Which of the following SELECT statements print the string 56? (a) SELECT SUBSTR('123456', 5) FROM DUAL; (b) SELECT SUBSTR('123456', -2) FROM DUAL; (c) SELECT SUBSTR('123456', 5, 2) FROM DUAL; (d) SELECT SUBSTR('123456', -2, 2) FROM DUAL; *96. The SQL statement SELECT LPAD('abcd',10,'wert') FROM DUAL; prints, (a) wertweabcd (b) abcdwertwer (c) wertwertab (d) abwertwert *97. The SQL statement SELECT ROUND(45.926, -2) FROM DUAL: (b) prints garbage (c) prints 45.92 (d) prints 0 (a) is illegal 98. Choose the correct statements. The SOL statement SELECT SYSDATE FROM DUAL:

	(b) DECODE(MOD	(YEAR, 4),			
			E(MOD(YEAR,	100)	
		11.100/10010000000000000000000000000000	******	The state of the contract of t	MOD(YEAR, 400)
				1.1.	, 0, 'NLY'
					, 'LY')
				, 'LY')	100000
19		, 'NLY')		batter 6	
	(c) DECODE(MOD	나 그 아이는 아이는 아이는 아이를 보고 있다. 그리고 아니다 나는 그 사람이 없는 것이 되었다.			
	(c) DECODE(MOE		CODE(MOD(YE	AR 100)	
		0, 52,	ODE(MOD(1L		MOD(YEAR, 400)
				,or DECODE(, 0, 'LY'
					, 'NLY')
				, 'NLY')	, 1,21
		, 'NLY')		, 1411	
	(d) None of these	10.00 A A A A A A A A A A A A A A A A A A			
*103	Table Employee has		n-NIII SALAI	V column which	h is also UNIOUE
10,5,	The SQL statement	To records, it has a in	M-NOLL BALA	XI COMMIN WINC	ii is also civiçor
	SELECT COUNT(S prints,	ALARY) FROM EN	IPLOYEE WHE	RE SALARY N	NOT IN (NULL);
	(a) 10	(b) 9	(c) 5	(d)	0
104.	The FROM clause -	EMPLOYEE LEFT	OUTER JOIN	DEPARTMEN	T
	(a) includes all emp	oloyees not assigned	to any departmen	nt	
	(b) includes all dep	artments having no e	mployee		
	(c) includes only th	ose employees who	re assigned a de	partment	
	(d) none of these			Secusion and	
105.	Which of the follow table?	ing SQL commands	can be used to i	modify existing	data in a database
	(a) MODIFY	(b) UPDATE	(c) CHA	NGE (d)	NEW
*106.	Let the statement				
	SELECT * FROM r	nameList;			
	return 10 rows, The	statement			
	SELECT * FROM 1	nameList WHERE RO	OWNUM > 5;		
	will return				
	(a) 4 rows	(b) 5 rows	(c) 6 row	s (d)	none of these
*107.	The SELECT staten	nent			
	SELECT 'Hi' FRO	M DUAL WHERE	NULL IN (N	ULL);	
	outputs,				€
	(a) TRUE	(b) FALSE	(c) 'Hi'	- (d)	nothing

125.	Statement 7 cannot be replaced by the statement					
	(a) my_proc(input2.	input1, input3);	(b) my_proc(inpu	it2, input2, input2);		
	(c) my_proc(input3.	input1, input2);	(d) none of these			
126.	Statement 7 cannot	be replaced by the statem	ents			
	(a) my_proc(2, 3, 4)	;	(b) my_proc(2, in	nput3, input2);		
	(c) my_proc(2, 3, in	put3);	(d) all of these			
127.	Suppose a procedure calls is correct?	my_proc is created with	no formal paramete	er. Which of the following		
	(a) my_proc	(b) my_proc;	(c) my_proc()	<pre>(d) my_proc();</pre>		
128.	Which of the follow	ing cannot be anonymou	s?			
	(a) Procedure	(b) Function	(c) Package	(d) None of these		
129.	The design of PL/SO	QL language has a lot of	similarities with the	design of		
	(a) COBOL	(b) ORACLE	(c) ADA	(d) LISP		
*130.	Which of the following formal parameter declarations (inside the definition of a PL/SQL procedure or function) are not acceptable?					
	(a) last_name IN	OUT VARCHAR2(30)	(b) last_name IN	VARCHAR2		
	(c) last_name IN		[10] [10] [10] [10] [10] [10] [10] [10]	UT VARCHAR2(30)		
131.	Which of the follow program?	ving can be used to prin	t the description ab	out an error in a PL/SQL		
	(a) SQLERRM	(b) ERR_MESG	(c) CURR_ERROR	(d) DISP_ERR		
*132.	If a function does no	ot modify the database sta	ate, its purity level i			
	(a) RNDS	(b) WNPS	(c) RNPS	(d) WNDS		
133.	Which of the following types of triggers can be fired on DDL operations?					
	200000	ger (b) DML Trigger				
134.	(a) NULL and the	value that is inserted and the value that is inse		nd :new are respectively		
	(d) the value that is inserted and the value that is inserted					
135.	To have a variable i	n global scope, declare it	inside a			
	(a) function	(b) procedure	(c) package	(d) none of these		
136.	In a PL/SQL code,	uninitialized variables of	type VARCHAR2 v	vill have		
	(a) garbage value	(b) NULL value	(c) 0 value	(d) none of these		
137.	Choose the correct statements.					
	(a) The n in CHAR(n) can be missing in the declaration.					
	(b) The n in CHAR(n) is mandatory in the declaration.					
	(c) If the n in CHAR(n) is missing in the declaration, it defaults to 1.					
	(d) If a 5 character string is stored in a variable that had been declared as CHAR(10), the					

string will be right padded with blanks to make it a 10 character string.

138. Consider the declaration

abc tableName%ROWTYPE;

The field names of abc

- (a) are undefined
- (b) are \$1, \$2, ...
- (c) will be the column names of tableName
- (d) none of these

*139. Which of these are true of Collection types?

- (a) They store data of the same data type.
- (b) They are sparse.
- (c) They are unconstrained.
- (d) They can store data of different data type.
- 140. Which of the following keywords is used in the declaration of a PL/SQL function but not a procedure?
 - (a) RETURN
- (b) BEGIN
- (c) END
- (d) EXCEPTION

- 141. Which of the following are cursor operations?
 - (a) OPEN
- (b) CLOSE
- (c) FETCH
- (d) DECLARE

- 142. Choose the correct statements.
 - (a) ROWCOUNT of an implicit cursor gives the total number of rows matched by the query.
 - (b) ROWCOUNT of an explicit cursor gives the total number of rows fetched so far.
 - (c) ROWCOUNT of an implicit cursor gives the total number of rows fetched so far.
 - (d) ROWCOUNT of an explicit cursor gives the total number of rows matched by the query.

143. In PL/SQL

- (a) a block can access variables that are declared in the enclosing block
- (b) a block can access variables that are declared in the enclosed block
- (c) a block cannot access variables that are declared in the enclosing block
- (d) a block cannot access variables that are declared in the enclosed block
- 144. Which of the following are pre-defined error conditions?
 - (a) NO_DATA_FOUND
 - (b) TOO_MANY_ROWS
 - (c) CASE_NOT_FOUND
 - (d) DUP_VAL_ON_INDEX
- 145. Choose the correct statements.

In a PL/SOL code

(a) if the current block is not having the exception handler, the enclosing block will be searched for one

151. Consider the flowchart in Fig. 16.2.

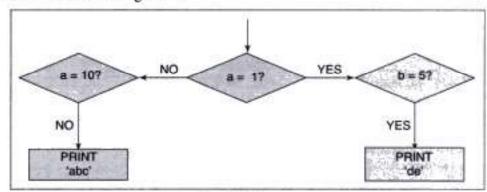


Fig. 16.2

```
Which of the following codes correctly implement this flowchart?
  (a) IF (a = 1) THEN
                                         (b) IF (a = 1) THEN
      BEGIN
                                             IF (b = 5) THEN
          IF (b = 5) THEN
                                                  DBMS_OUTPUT.PUT_LINE('de');
          DBMS_OUTPUT_PUT_LINE('de');
                                            ELSE IF (a <> 10) THEN
                                                  DBMS_OUTPUT.PUT_LINE('abc');
          END IF:
      END:
                                             END IF:
                                            END IF:
      ELSE IF (a <> 10) THEN
          DBMS_OUTPUT.PUT_LINE('abe');
          END IF:
      END IF:
  (c) IF (a = 1) THEN
                                         (d) None of these
      BEGIN
          IF (b = 5) THEN
          DBMS_OUTPUT.PUT_LINE('de');
      END IF:
      END:
      ELSE IF (a = 10) THEN
          NULL:
          ELSE DBMS_OUTPUT.PUT_LINE('abc');
          END IF:
      END IF:
152. Which of the following is not a collection type in PL/SQL?
     (a) Varrays
                         (b) Index-By tables
                                             (c) Nested Tables
                                                                (d) None of these
153. Which of the following is not a valid parameter mode?
                                                                 (d) None of these
     (a) IN
                         (b) OUT
                                              (c) IN OUT
```

Questions 154 to 212 are from FORMS.

154.	A compiled form i	nodule has the exten	sion			
	(a) fmb	(b) fmx	(c) exe	(d) obj		
155.	The attributes of a	Form object can be	found in the			
	(a) layout editor	(b) program edito	r (c) property navigat	or (d) property palette		
156.		e properties of a RE the database tables		ail Form violates the con-		
	(a) it results in an	ettot				
	(b) it results in a v					
			errides what is defined in			
	(d) what is defined	in the RELATION	overrides what is defined	in the database		
157.			used to disable the funct	ion keys?		
	(a) WHEN-BUTTON-PRESSED Trigger (b) KEY-NULLIFY Trigger					
			Trigger (d) KEY-C	THERS Triggers		
158.	A canvas is display	red in				
	(a) an enclosing ca	anvas (b) a tabbo	ed page (c) a dialog l	oox (d) a window		
159.	When a WHEN-V	ALIDATE-ITEM trig	ger fails, it			
	(a) terminates the	Form	(b) displays a m	essage in a dialog box		
	(c) displays a mess	sage in the status lin	e (d) none of these			
160.	A Data Block in a	Form can be based of	on a			
	(a) table	(b) view	(c) stored procedure	(d) none of these		
161.	An LOV can be po	pulated by				
	(a) a record group		(b) a static list o	f values		
	(c) an object group)	(d) an exception	1		
162.	During execution,	the mode of a Data I	Block in a Form has to be			
	(a) Normal or Que	ry	(b) Normal or E	nter Query		
	(c) Query or Enter	Query	(d) Normal or Q	uery or Enter Query		
163.	Trigger code is wri					
	(a) SQL	(b) PL/SQL	(c) JAVA	(d) Machine Language		
164.	The default tab order of the items displayed in a Form is					
	(a) determined by the physical ordering of the items in the object navigator					
	(b) determined by the order in which they are stored in the database table					
	(c) determined by	their size				
	(d) unpredictable			Ĩ.C		
165.	Which of the followevent?	wing is typically use	d to inform the user of the	ne occurrence of a specific		
	(a) LOV	(b) Exception	(c) Alert	(d) Boiler Plate		
166.	In a master-detail I	form, more number of	of records is usually displ	ayed in the		
	(a) master block	(b) detail block	(c) neither (a) nor (b) (d) none of these		

167.	To programmatically set a RELATION property in a master-detail Form, use the					
	(a) SET_RELATION_PROPERTY built-in					
	(b) SET_RELATION built-in					
	(c) DEFINE_RELATION_PROPERTY built-in					
	(d) DEF_RELATION_PROPERTY built-in					
168.	Which of the following statements about windows, canvases, and data items is correct?					
	(a) A window is placed on a data item, which is displayed in a canvas.					
	(b) A canvas is placed on a data item, which is displayed in a window.					
	(c) A data item is placed on a window, which is displayed in a canvas.					
	(d) A data item is placed on a canvas, which is displayed in a window.					
169.	Choose the correct statements.					
	(a) A data block is associated with a canvas.					
	(b) The size of the canvas can be larger than the size of the window.					
	(c) The size of the canvas can be smaller than the size of the window.					
	(d) All of the above are correct.					
170.	The items of a data block can be grouped within a					
	(a) record group (b) program unit (c) frame (d) data store					
171.	A set of properties can be collectively assigned to an object by using					
	(a) record group (b) object group (c) array (d) property class					
172.	In a master-detail Form, the records in the detail data block are not retrieved immediately when the					
	(a) deferred property is set to Yes and the Automatic Query property is set to No.					
	(b) deferred property is set to Yes and the Automatic Query property is set to Yes.					
	(c) deferred property is set to No and the Automatic Query property is set to No.					
	(d) deferred property is set to No and the Automatic Query property is set to Yes.					
173.	You cannot navigate to a data item if it is a					
	(a) button (b) display item (c) text item (d) check box					
174.	Records retrieved by a data block can be filtered by appropriately setting the value of the					
	(a) where clause property (b) number of records returned property					
	(c) select clause property (d) all of these					
*175.	Which of the following comments about HINT are correct?					
	(a) It is an item property.					
	(b) It is automatically displayed when the associated item receives the input focus.					
	(c) It may not be automatically displayed when the associated item receives the input focus.					
	(d) None of the above are correct.					
176.	Which of the following is a collection of Form components?					
	(a) Record Group (b) Record Set (c) Data Store (d) Object Group					
177.	Which of the following is not a parameter to SET_BLOCK_PROPERTY?					
	(a) Block Name (b) Property Name (c) Value (d) None of these					

178.		EN-VALIDATE-ITEM ar text item. Which of the						
	(a) POST-TEXT-ITE			EN-VALIDATE				
	(c) Unpredictable				fired simultaneously			
179.		93.5						
	To debug a PL/SQL code that is within a Form, appropriate messages can be displayed at different points in the execution flow using the built-in							
	(a) print	(b) display		show	(d) message			
180.	In a Form, trigger ca		417.0		7.55 C.			
	(a) Form level	(b) data block level	(c)	data item level	(d) none of these			
181.	Which of the following properties of a RELATION determines how to handle records in the detail data block if the associated record in the master data block is deleted?							
	(a) Deferred		(b)	Automatic Quer	y			
	(c) Delete Record B	ehavior	(d)	None of these				
182.	Let BN be the block	name and DIN be the da	ita ite	m name. To refer	ence DIN the syntax to			
	be used is				SCO.			
	(a) BN.DIN	(b) BN.DIN	(c)	DIN	(d) 'BN.DIN'			
183.	Choose the correct st	atements.						
	(a) An unrestricted b	(a) An unrestricted built-in can be called by any trigger code.						
	(b) A restricted built	(b) A restricted built-in can be called by any trigger code.						
	(c) Restricted built-i	(c) Restricted built-ins have something to do with the Form navigation.						
	(d) Unrestricted built	t-ins have something to	do wi	th the Form navig	gation			
184.	The value of the "D Form can be	elete Record Behavior"	prope	erty of a RELAT	ION in a master-detail			
	(a) cascading	(b) isolated	(c)	non-isolated	(d) none of these			
185.	To reference a param	eter ParamA that is defi	ned is	a Form, the syn	tax to be used is			
	(a) :parameter.Param	A	(b)	parameter.Param	ıA			
	(c) parameter:Param.	A	(d)	none of these				
186.	Logically speaking, in general, it is a good idea to set the value of the "Check Box Mapping of Other Values" property to the value of the property							
	(a) "Value When Ch	ecked"	(b)	"Value When U	nchecked"			
	(c) NULL		(d)	none of these				
187.	You want to prevent a user from navigating past the last record in a data block. The natural choice to enforce this, is through a							
	(a) block level trigge	r	(b)	form level trigge	er			
	(c) item level trigger		(d)	application level	trigger			
188.	You want to prevent a user from navigating past the last record in a data block. The code used to implement this feature uses							
	(a) parameter variable	e	(b)	global variable	141			
	(c) system variable		(d)	none of these	(8)			

	(c) This feature can (d) None of the abo	nnot be implemented thro	ugh Check Boxes or	Radio Buttons.			
*198.	If a trigger code as		마는 BEST 100 전에 있다면 100 100 100 100 100 100 100 100 100 10	natches the "Value When be			
	(a) Checked	(b) Unchecked	(c) unpredictable	(d) none of these			
*199.	Which of the follow	ving list items is a good o	없는 맛없이 없을 마셨다가 없어지 하다 이름없				
	(a) Combo Box	(b) Poplist	(c) Tlist	(d) Llist			
200.	Which of the follow executing in the cur		e variables that can	be accessed by any Form			
	(a) System variable	es.	(b) Parameter var	iables			
	(c) Global variable	S	(d) None of these	E			
*201.	A calculated item is	a Form can be used to o	compute				
	(a) sum	(b) average	(c) maximum	(d) variance			
202.	Which of the following button does not appear when an LOV is listed?						
	(a) Find	(b) <u>O</u> K	(c) Cancel	(d) None of these			
203.	Which of the follow	ving is not a type of canv	as?				
	(a) Content	(b) Vertical toolbar	(c) Tab	(d) None of these			
204.	In a master-detail F	orm, RELATION is					
	(a) an object belongi	ing to the master data blo	ck				
(9)	(b) an object belongi	ing to the detail data bloc	k				
	(c) an object that be	longs neither to the maste	er data block nor the	detail block.			
The state of	(d) not an object						
205.	Which of the follow and the web browse	and the second s	ilitates interaction be	tween the FORMS server			
	(a) Jinitiator	(b) JApplet	(c) IDE	(d) WebFor			
206.	A canvas is display	ed when					
	(a) an item in the canvas receives the input focus						
	(b) the window that	t is associated with the ca	invas is opened				
	(c) the data block t	hat is associated with the	canvas is opened				
	(d) all of these						
207.	Which of the follow	ing built-ins can be used	to launch a new For	m from within a Form?			
	(a) Call_Form	(b) New_Form	(c) Open_Form	(d) None of these			
208.	Setting the value of	the system variable MES	SAGE_LEVEL to 0				
	(a) results in the suppressing of all the messages irrespective of their severity						
	(b) does not suppress the display of any message						
	(c) will result in sy	ntax error					
	(d) is desirable who	en the Form is moved from	m development to pro	oduction			
209.	Which of the follow	ing list items is the wors	t choice to implemen	t lists that are long?			
	(a) Combo Box	(b) Poplist	(c) Tlist	(d) None of these			

- 236. The address of a customer usually spans 4 lines Address Line 1, Address Line 2, Address Line 3, and Address Line 4. Some customers don't have Address Line 2. The invoice when printed will show an empty second line for such customers. How do you prevent this from happening?
 - (a) This cannot be prevented
- (b) By using anchors
- (c) By using format triggers
- (d) By using anchors and format triggers
- 237. Let Field1 and Field2 be two fields that are connected by an anchor as follows.



Field1 is the Parent Object and Field2 is the Child Object. The values of the Child Edge Type and Child Edge Percent can be

(a) Top, 0 respectively

(b) Bottom, 100 respectively

(c) Left, 100 respectively

- (d) Left, 0 respectively
- 238. If the After Parameter trigger fails
 - (a) nothing happens

- (b) the Report gets terminated abruptly
- (c) you will be put in the parameter form again (d) none of the above
- 239. Consider the query SELECT * FROM EMP WHERE deptno = :abc;

Let there be a Validation Trigger for the variable abc that is coded as follows.

IF (:abc IN (10,20,40)) THEN return(TRUE);

ELSE

return(FALSE);

END IF

During runtime, if the user enters a value other than 10, 20, or 40,

- (a) the value will be discarded
- (b) the user will be asked to enter another value
- (c) an exception will be raised
- (d) the value will be defaulted to 10
- 240. An object in a Repeating Frame must
 - (a) belong to its associated group or must be from a parent group
 - (b) belong to its associated group or must be defined at Report level
 - (c) be from a parent group or must be defined at Report level
 - (d) belong to its associated group or must be from a parent group or must be defined at Report level

Answers

1. a,b,c	2. c	3. d	4. b,d	5. a,c
6. d	7. a,b,c	8. d	9. d	10. c
11. a,b,c,d	12. a,b	13. a	14. d	15. a,b,c,d
16. a	17. d	18. c	19. c	20. b

21. a,b,c,d	22 d	23. b	24 b	25. b
26. d	27. a,b,c	28. b	29 a	30_ b,c
31. d	32. b	33. b	34_ d	35 c
36. a	37. a	38. d	39. c	40. d
41. d	42. a	43. a	44. d	45. a
46. c	47. a	48. c	49 c	50. b
51. c	52. c	53. b	54. c	55. a
56. b,c,d	57. c	58. a	59. c	60. d
61. a	62. d	63. d	64. a,b	65. a
66. a,b	67. c	68. b	69. b	70. a
71. c	72. a	73. d	74. d	75. d
76. d	27_ c	78. c	79. c	80_ c
81. c	82. d	83. b	84. d	85. d
86. b	87. b	88. c	89. d	90. n
91. b,d	92. a,b	93. a,b,c,d	94. d	95. a.b,c,d
96. a	97. d	98. a,b,c,d	99. a	100. c
101. a	102. a	103. d	104. a	105. b
106. d	107_ d	108. d	109. a	110. d
III. b	112. d	113. c	114. b,d	115. d
116. d	117. a,c	118. d	119. c	120. a
121. b,c,d	122. b	123. d	124. c	125. d
126. a,c	127. b	128. c	129 c	130. a,d
131_ a	132. d	133. c	134. a	135. c
136. b	137. a,c,d	138. c	139. a,b,c	140. a
141. a,b,c,d	142 a,b	143, a,d	144. a,b,c,d	145. a,b,c
146. a,b,c	147. d	148. a	149. b,d	150. c
151, a,c	152, d	153. d	154. b	155. d
156. a	157. d	158. d	159. d	160. a,b,c
161, a,b	162 d	163. b	164. a	165. c
166. b	167. a	168. d	169. b,c	170. c
171. d	172. a,b	173. b	174. a	175. a,c
176. d	177. d	178. b	179. d	180. d
181. c	182 b	183 a,c	184. a,b,c	185. a
186. b	187. a	188. c	189, a	190, a,b,c
191. b	192. c	193, a,b,c	194. c	195, a,d
196, d	197. b	198. d	199. a	200. c
201. a,b,c,d	202, d	203 d	204. a	205, a
206. a,b	207. a,b,c	208. b	209. c	210. c
211. d	212. a	213. c	214. d	215. b
216. c	217. b	218. d	219. a,b,c	220. a
221. c	222. a	223. a	224, a,b	225. c
226. c	227 a,b,c	228. a	229. a	230. d
			234. c	235. d
231. b,c	232. a	233 a,d		240. d
236. d	237. a,d	238. c	239. c	240. 0

- 46. It prints all possible x, y where x can be one of the 10 values 2001, 2002, ..., 2010 and y can be one of the 10 values 2001, 2002, ..., 2010, giving us 10 x 10 = 100 rows.
- Because CustNum 1008 ordered neither a pen nor a pencil.
- 50. The 8 rows are 1001, 1002, 1006, 1009, 1001, 1002, 1007, 1009.
- 51. This query lists out all CustNum who ordered pen and pencil.
- 52. This query lists out 1003, 1004, 1005, 1008, 1009, and 1010. You might have missed 1009 thinking the order includes pen/pencil. If you analyze the query you will find that 1009 is included because order 2009 includes table.
- The CustNum 1009 will be displayed.
- 54. The CustNum that are displayed are 1003 and 1005.
- 55. Every CustNum ordered at least one of table, chair, pen or pencil. So, the first query returns all the 10 CustNum. For similar reasons, the second query also returns all the 10 CustNum.
- 57. If it is 20, this query counts and displays all CusNum who placed order for an item that is worth more than Rs.20. The possible items are table and chair. There are exactly 6 CustNum who ordered for a table or chair.
- 58. This query finds and displays the CustNum who placed the most recent order.
- BETWEEN includes the end values.
- SELECT SUBSTR(TO_CHAR(SYSDATE), 8) FROM DUAL, displays the string 05. The given query finds and displays those CustNum who placed order in the year 05.
- 62. NULL is not equal to NULL
- 63. Option (a) prints 0.

Option (b) prints 2.

Option (a) prints -2.

67. You can verify by executing the PL/SQL code

IF LENGTH(") is NULL THEN

DBMS_OUTPUT_PUT_LINE('Hi');

ELSE

DBMS_OUTPUT_PUT_LINE('Bye');

END IF:

This will print Hi

- ALL is optional. Its presence or absence doesn't change the output. Unlike DISTINCT, it allows duplicates in the output.
- 72. NVL(NULL, 3) returns 3. So, NVL(NVL(NULL, 3), 4) is equivalent to NVL(3, 4)
- 73. This query counts the number of employees who get more than the maximum salary.
- 74. NULL is neither equal to NULL nor not equal to NULL.
- 77. Simple Join is yet another name for Equijoin.
- 79. It prints the two records

From

To

Chennai

New Delhi

Chennai

Agra

SUBSTR('123456', -2) extracts the substring starting at the second location from the last (because of the - sign) till the end.

SUBSTR('123456', 5, 2) extracts the substring of length 2 (the third (optional)argument specifies the length) starting at location 5 (the count starts from 1).

SUBSTR('123456', -2) extracts the substring of length 2 starting at the second location from the last (because of the - sign)

- 96. LPAD('abcd',10,'wert') means, in a field of length 10, pad the string 'abcd' on the left side with the string 'wert'
- 97. ROUND(45.926,-2) rounds 2 decimal places to the left of the decimal point (left because of the - sign). This essentially means round to the nearest hundred. So, 45 will be rounded to 0
- NVL(NVL(NULL, NVL(NULL, 3)), 4) is equivalent to NVL(NVL(NULL, 3), 4), which is
 equivalent to NVL(3, 4)
- 101. SELECT SUBSTR('myname@abcd.com', INSTR('myname@abcd.com', '@', 1) + 1) FROM DUAL; prints whatever that comes after the @ character which is the domain name.
- 103. Whenever a NOT IN list includes NULL, this is what happens.
- 106. ROWNUM is a pseudo-column that is used to label the rows of the result set. This query cannot return any row because if it returns a row (or more than one row) the first record must have a ROWNUM of greater than 5. But the first row will have the ROWNUM 1.
- 107. NULL in (NULL) is logically equivalent to NULL = NULL
- 108. TRUNC(45.926,-2) truncates 2 decimal places to the left of the decimal point (left because of the - sign). The 45 will be made 0
- 109. IS NULL is the right way to check if something is NULL.
- 130. You cannot specify the size
- 132. WNDS stands for Writes No Database State.

WNPS stands for Writes No Package State.

RNDS stands for Reads No Database State.

RNPS stands for Reads No Package State.

- 139. They are sparse, meaning a row exists only when it is assigned a value. They are unconstrained, meaning rows can be added dynamically.
- 159. It puts the input focus back in the data item that caused the validation failure.
- 175. Only if the "Display Hint Automatically" property is set, it will be displayed automatically.
- 186. For the same reason a Boolean variable is initialized to FALSE rather than TRUE at declaration.
- 193. There are certain items that cannot receive the input focus. Such items cannot have a Hint associated to them. The Tooltip displays the message when the cursor is over the item.
- 198. The "Check Box Mapping of Other Values" property determines if the Check box is Checked or Unchecked.
- 199. Combo Box lets-the user search the list by typing the first few characters of the search value. Note that LOV is the best choice to implement a list that is long.
- 201. It can also be used to count, compute standard deviation and find the minimum.
- 234. Because the data type of a bind variable is CHAR by default.