Oracle 10g Database Administrator Implementation and Administration 2nd Edition Powell Test Bank

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Chapter 1: Oracle Architecture Overview

TRUE/FALSE

1.	The Oracle Universa	l Install	er keeps log re	cords o	n your computer of previous installation activity.
	ANS: T	PTS:	1	REF:	15
2.	Oracle has standardiall platforms.	zed its s	oftware so that	it look	s and acts identically at the user interface level on
	ANS: T	PTS:	1	REF:	2
3.	Oracle customized it based on each platfo			ach pla	tform at the lowest levels to optimize performance
	ANS: T	PTS:	1	REF:	2
4.	If you are upgrading with the pre-configuration			n to Ora	acle10g, you need to install the Oracle10g database
	ANS: F	PTS:	1	REF:	3
5.	Only one database ca	an be m	anaged within	OEM.	
	ANS: F	PTS:	1	REF:	4
6.	SQL*Plus accepts st function.	andard l	SQL, with all tl	he Orac	ele enhancements to SQL, such as the TO_DATE
	ANS: T	PTS:	1	REF:	4-5
7.	The combination of background processes				(the files), and a database instance (the SGA and the
	ANS: F	PTS:	1	REF:	6
8.		cessing	_		oly increased computing power for applications that ata, or complex calculations, such as astronomy or
	ANS: T	PTS:	1	REF:	7
9.	A COM component compiled binary chu			t Windo	ows acronym for a self-contained, executable,
	ANS: T	PTS:	1	REF:	9
10.	In a typical Oracle10	g appli	cation system, t	the mid	dle tier contains the Oracle10g database server.
	ANS: F	PTS:	1	REF:	11

11.	In a typical Oracle10	g applio	cation system, t	he data	tier contains the application server.
	ANS: F	PTS:	1	REF:	11
12.	In a typical Oracle10	g applio	cation system, t	the user	tier includes a browser.
	ANS: T	PTS:	1	REF:	11
13.	The client configurat	tion is a	combination o	f the us	er interface tier and the application server tier.
	ANS: T	PTS:	1	REF:	12
14.	The Oracle 10g Stan partitioning and clus		ition for server	s can b	e upgraded with database features, such as
	ANS: F	PTS:	1	REF:	13
15.	A single machine can	nnot cor	ntain more than	one va	lue for ORACLE_HOME.
	ANS: F	PTS:	1	REF:	16
16.	ORACLE_HOME co	ontains	a bin directory	that ho	lds most of the executables.
	ANS: T	PTS:	1	REF:	20
17.	The OFA standards of	call for 1	naming files ac	cording	to their type and sequence of creation.
	ANS: T	PTS:	1	REF:	20
18.	You cannot rename to installation to create				or example, the files created when you allow the).
	ANS: F	PTS:	1	REF:	20
19.	The primary purpose	of the	OFA naming st	andard	s is to speed up the process of identifying files.
	ANS: T	PTS:	1	REF:	21
20.	A tablespace may us	e only o	one datafile.		
	ANS: F	PTS:	1	REF:	21
21.	The OFA naming sta	andards	are only recom	mendat	ions, not requirements.
	ANS: T	PTS:	1	REF:	20
22.					ormance of the database by, among other things, separating data from software.
	ANS: T	PTS:	1	REF:	18
23.		machine			is its ability to install several versions of Oracle ate directory structure for each version and its

	ANS: T	PTS:	1	REF:	16
24.	If you install upgrade existing subcompone		nancements, the	e Oracl	e Universal Installer re-installs any previously
	ANS: F	PTS:	1	REF:	15
25.					should not install Service Pack 3 before installing bility issues with Oracle.
	ANS: F	PTS:	1	REF:	13
MUL	TIPLE CHOICE				
1.	The SQL*Plus execu	ıtable fil	le in a Window	s instal	lation is
	a. sql.exe	itable III	ie in a vvindov		sqlp.exe
	b. sqlplus.exe				plus.exe
	ANS: B	PTS:	1	REF:	17
2	The Oreale Universe	1 Inatall.	an dafinas tha C	DD A CI	E HOME directors in the University
2.	variables, or in		er defines the C	JKACL	E_HOME directory in the Unix environment
	a. Windows Registr		es	c.	Windows hidden files
	b. Windows environ			d.	Windows .inf files
	ANS: A	PTS:	1	REF:	16
3.	The Runtime client-s	ide insta	allation option	installs	basic tools and connectivity features such as Oracle
	a. Application Serv	or		0	JDeveloper
	b. Financials	CI			Net Services
	ANS: D	PTS:	1	REF:	
4.					c information system software solution for
		maps tha	at stores all its		your Oracle10g database.
	a. GIS b. ESRI				Sybase Symantec
	U. ESKI				
	ANS: B	PTS:	1	REF:	2
5.	_				e provides a specialized programming language you
	can use for creating t a. ODBC	riggers,	packages, and	_	
	a. ODBC b. SQL				PgSQL PL/SQL
					_
	ANS: D	PTS:	1	REF:	3
6.	The engine allowithin the database.	ws you	to store, parse,	and ex	ecute Java applets, servlets, and stored procedures
	a. JVM			c.	JBoss
	b. JDeveloper				SQLJ
	ANS: A	PTS:	1	REF:	3

7.	The Oracle too that communicate w			link be	tween the Oracle10g database and most applications
	a. Application Servb. Financials	ver			JDeveloper Net Services
	ANS: D	PTS:	1	REF:	3
8.	If you are running E gateway into the dat		e Manager, SQ	L*Plus,	Forms, or non-Oracle products, Oracle is the
	a. Application Servicesb. Financials	ver			JDeveloper Net Services
	ANS: D	PTS:	1	REF:	3
9.	The tool allow SQL.	s you to	create and run	queries	, add rows, modify data, and write reports using
	a. PL/SQLb. SQL*Plus				Forms SQLJ
	ANS: B	PTS:	1	REF:	4
10.	is the typical c	onfigura	tion for an Ora	cle10g	database.
	a. Single-instance				Clustered servers
	b. Multiple-instance				Application server
	ANS: A	PTS:	1	REF:	8
11.		created server	on installation,	the dat c.	rd Edition, or Personal Edition and choose to have a abase is configured in mode. shared server dedicated server
	ANS: D	PTS:	1	REF:	8
12.	The Oracle pac a. Online Analytic b. Label Security			c.	efore it goes onto the network or across the Internet. Advanced Security Database Extensions for .NET
	ANS: C	PTS:	1	REF:	9 10
13.	The term multi-tier, divided into separate a. n-tier b. grid computing			depende c.	s that the data, processing, and user interfaces are ent of one another. client/server peer-to-peer
	ANS: A	PTS:	1	REF:	11
14.	is a valid clien a. Personal b. Runtime	t installa	ation configurat	c.	Standard Enterprise
	ANS: B	PTS:	1	REF:	12
15.	is a valid clienta. Personal	t installa	ation configurat	tion.	Standard

	b. Administrator		d.	Universal
	ANS: B	PTS: 1	REF:	12
16.	Oracle executable fil a. BASE b. ORACLE_BASI		c.	e referred to as HOME ORACLE_HOME
	ANS: D	PTS: 1	REF:	16
17.	All Oracle software a. BASE b. ORACLE_BASE		c.	reside on subdirectories under HOME ORACLE_HOME
	ANS: B	PTS: 1	REF:	18
18.	A file is an adn files, checkpoints; cr			to-date information on the database structure, log base.
	a. redo logb. datafile			control tablespace
	ANS: C	PTS: 1	REF:	21
19.	A file records of	changes to data	abase data.	
	a. redo logb. datafile		c. d.	control tablespace
	ANS: A	PTS: 1	REF:	21
20.		file on the cor	-	caining data, such as tables and indexes.
	a. redo logb. datafile			control tablespace
	ANS: B	PTS: 1	REF:	21
21.	On Windows, the de is	fault ORACLI	E_HOME for an	Oracle10g, Release 2, database server installation
	a. C:\oracle\producb. C:\oracle\home\;			C:\oracle10\product\release2.0\db 1 C:\oracle10g\home\release2.0\db 1
	ANS: A	PTS: 1	REF:	
22				
22.	a. ORACLE_DB b. ORACLE_NAM	•	c.	environment variable. ORACLE_DNAME ORACLE_SID
	ANS: D	PTS: 1	REF:	19
23.	Current database file a. DB	s are stored in	/ <database< td=""><td>e name>. Oradata</td></database<>	e name>. Oradata
	b. Datafiles		d.	Data
	ANS: C	PTS: 1	REF:	19
24.	In Windows, the defa. C:\oracle\productors b. C:\oracle\base\10	et\10.2.0	BASE director c. d.	C:\oracle10\product\release2.0

25.	On Windows, to run the Universal Installer in SILENT MODE, you can enter the following command in the directory in which Universal Installer resides: -responseFile <filename> -silent</filename>							
		nstaller.ex		c.	setup.exe			
	b. i	nstall.exe		d.	runInstaller.exe			
	ANS:	C	PTS: 1	REF:	17			
COM	PLET	ION						
1.	RDB	MS stands for _			·			
	ANS:	Relational Da	tabase Manageme	ent System				
	PTS:	1	REF: 1					
2.	JVM	stands for		·				
	ANS:	Java Virtual N	Machine					
	PTS:	1	REF: 3					
3.			must ach database in y		red to define ports and the protocols allowed to sk.	send		
	ANS:	Net Services						
	PTS:	1	REF: 3					
4.	OEM	stands for		·				
	ANS:	Oracle Enterp	rise Manager					
	PTS:	1	REF: 4					
5.			is a Web-bas	ed form of S	SQL*Plus.			
	ANS:	iSQL*Plus						
		1	REF: 5					
6.		ams in C, C++,		*COBOL an	nd Pro*C) support embedded SQL commands w	/ithin		
	ANS:	Pre-compilers						
	PTS:	1	REF: 5					
7.	The Clog fil		has three types of	files: contro	rol files, database files, and			

PTS: 1 REF: 18

ANS: A

	ANS: redo
	PTS: 1 REF: 5
8.	To use the Oracle database, you start up a database instance, which allocates for the database (called the System Global Area, or SGA) and starts up a set of background processes.
	ANS: memory
	PTS: 1 REF: 5
9.	RAC stands for
	ANS: Real Application Clusters
	PTS: 1 REF: 7
10.	OLTP stands for
	ANS: Online Transaction Processing
	PTS: 1 REF: 9
11.	JDM stands for
	ANS: Java Data Mining
	PTS: 1 REF: 9
12.	OLAP stands for
	ANS: Online Analytical Processing
	PTS: 1 REF: 10
13.	The Enterprise provides an option for the database administrator to reach the database from a remote computer.
	ANS: Manager
	PTS: 1 REF: 12
14.	Regardless of which installation option you select, the Oracle Installer handles the job.
	ANS: Universal
	PTS: 1 REF: 15
15.	The Oracle Universal Installer provides a(n) MODE of installation that enables you to run an installation without any human intervention.
	ANS: SILENT

	PTS:	1	REF:	17
16.	The _	enames for yo		(OFA) brings standard conventions to the directory structure
	and m	enames for yo	ur Oracı	te software.
	ANS:	Optimal Flexi	ible Arc	hitecture
	PTS:	1	REF:	18
17.			red	lo logs record changes immediately.
	ANS:	Online		
	PTS:	1	REF:	21
18.			red	lo logs contain copies of current and past redo logs for recovery if needed.
	ANS:	Archive		
	PTS:	1	REF:	21
19.	Each o	latafile belong	s to one	in a database.
	ANS:	tablespace		
	PTS:	1	REF:	21
20.	A(n)_			_ allows grouping of datafiles within an Oracle database.
	ANS:	tablespace		
	PTS:	1	REF:	18
21.				er can be used to install applications that you write by preparing an otional Oracle package called the
	ANS:	Software Paci	kager	
	PTS:	1	REF:	17
22.				assign a name to each Oracle Home directory and use a feature called to change the current target.
	ANS:	Selector		
	PTS:	1	REF:	16
23.	The cl are de conne	ient-side veloping application to the dat	cations of	installation option is intended primarily for programmers who on their own client machines while using a remote database as the
	ANS:	Runtime		
	PTS:	1	REF:	14

24.	The client-side installation option provides the user management tools, including the Enterprise Manager, to provide remote management of multiple databases.
	ANS: Administrator
	PTS: 1 REF: 14
25.	The server-side Edition installation option provides basic support for multi-user database applications on a smaller scale than that of the Enterprise Edition.
	ANS: Standard
	PTS: 1 REF: 13
ESSA	Y
	What does the Oracle10g RDBMS software suite include?
	ANS: The Oracle10g RDBMS software suite (referred to as <i>Oracle10g</i> throughout the book) includes everything you need to build and maintain a relational database. The basic software runs the database engine, manages the data storage for all information in the database, and provides tools to manage users, tables, data integrity, backups, and basic data entry. The basic software includes additional tools and utilities that help you monitor the performance and security of the database.
	PTS: 1 REF: 2
2.	Describe the Java/Web features of the Oracle10g suite.
	ANS: There are a number of different programs and tools installed with your Oracle10 <i>g</i> database to support Web and database integration. These tools include a fully functioning Apache Web server containing the following: modules that hook into the database; database packages to support XML input and output; a pre-compiler for SQLJ (Java code with embedded SQL commands); and a gateway for PL/SQL to allow HTML documents to be delivered directly from the database to the user.
	PTS: 1 REF: 3-4
3.	Describe the OEM wizards feature of the Oracle10g suite.
	ANS: These are sets of related tools, wizards, and assistants that are added as a group to the Enterprise Manager console. The Standard Pack that comes with your Oracle10 <i>g</i> installation includes management tools for creating users, creating tables and objects, and administering storage space. The Database Control and Grid Control provide more sophisticated Enterprise Manager Web-based access in Oracle10 <i>g</i> .
	PTS: 1 REF: 4
4.	What is the Oracle10g Personal Edition? What is it usually used for?
	ANS:

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The Personal Edition, which is an Oracle10g server-side installation option, allows access by a single user to the database instance. Two primary uses for the Personal Edition are:

- Programming: The programmer develops applications that run on the Personal Edition database and then are moved to an Enterprise Edition instance.
- Deployment: A company develops and distributes an application/database package for use by single users.

For programming, the Personal Edition is fully compatible with the Enterprise Edition, so software developed using Personal Edition can be ported to the Enterprise Edition without modification. The Personal Edition can be installed on all platforms available to the Enterprise and Standard Editions.

PTS: 1 REF: 14