

(True or False)

calling environment. (True or False)

Database Programming with PL/SQL Semester 2 Mid Term Review

INa	ime:
1.	What may be included in packages (circle answers)?
	a. Proceduresb. Cursorsc. Variablesd. Exceptions
2.	The two parts of a package are stored as separate objects in the database. (True or False)
3.	In which component of a package is the full executable code of a procedure written?
4.	The two parts of a package are stored as separate objects in the database. (True or False)
5.	Identifiers defined in the package body are private and not visible outside the package body. (True of False)
6.	Which statement is executed to invoke the chk_hiredate function on 'Smith'?
	a. check_emp_pkg (chk_hiredate ('Smith');b. check_emp_pkg.chk_hiredate('Smith');c. check_emp_pkg on chk_hiredate ('Smith');
7.	Package EMP_PKG contains two procedures, DEL_EMP and SHOW_EMP. How do you determine the parameters for these procedures?
	a. DESCRIBE del_emp AND show_empb. DESCRIBE emp_pkg (del_emp, show_emp)c. DESCRIBE emp_pkg
8.	A cursor declared in the package specification can be referenced by a private procedure defined in the package body. (True or False)

9. The scope of a public subprogram includes the whole of the package and the calling environment.

10. A variable declared in the package body is private, and can be referenced within the package or in the

11. The package body of SALES PKG also includes a function called NEW TAX. Which of the following statements are true? CREATE OR REPLACE PACKAGE sales pkg IS percent tax NUMBER := 20; PROCEDURE raise tax; END sales pkg; a. RAISE TAX can be executed in the calling environment by executing SALES TAX.RAISE TAX b. NEW TAX can be executed from outside the package by calling SALES TAX.NEW TAX. c. RAISE TAX is a public procedure and NEW TAX is a private function. d. PERCENT TAX can be changed by using SALES TAX (PERCENT TAX) := 20; 12. Which statement will remove the specification and body of the SALES PKG package? a. DELETE sales pkg; b. DROP PACKAGE sales pkg; c. DROP PACKAGE SPECIFICATION sales pkg; d. DROP PACKAGE BODY sales pkg; 13. Which data dictionary view contains the code for all packages that you can execute? feature in PL/SQL enables you to develop two or more packaged subprograms with the same name. 15. Is the following package specification allowable? (Yes or No) CREATE OR REPLACE PACKAGE emp pkg IS PROCEDURE find emp (p employee id IN NUMBER, p last name OUT VARCHAR2); PROCEDURE find emp (p job id IN VARCHAR2, p last name OUT VARCHAR2); PROCEDURE find emp (p hiredate IN DATE, p last name OUT VARCHAR2); END emp pkg; 16. Is the following package specification allowable? (Yes or No) CREATE OR REPLACE PACKAGE emp_pkg IS FUNCTION get emp (p employee id IN NUMBER) RETURN VARCHAR2; FUNCTION get emp (p employee id IN NUMBER) RETURN DATE; END emp pkg;

17. Which statements would execute successfully using the EMP_PKG?
CREATE PACKAGE emp_pkg IS PROCEDURE name_proc (p_char IN CHAR) IS; PROCEDURE name_proc (p_varchar IN VARCHAR2)IS; END emp_pkg;
a. v_date := emp_pkg.name_proc ('Smith');b. emp_pkg (name_proc ('Smith');c. emp_pkg.name_proc (p_char=> 'Smith');
18. The TO_CHAR and UPPER functions belong to thePL/SQL package.
19. The example code below shows a referencing problem, which can be taken care of by using
CREATE OR REPLACE PACKAGE BODY forward_pkg IS PROCEDURE award_bonus() IS BEGIN calc_rating(); END; PROCEDURE calc_rating() IS BEGIN END; END forward_pkg;
20. Which of the following best describes a package initialization block?
a. It is an anonymous block in the package specification to initialize public and private variables.b. It is an anonymous block at the end of a package body that executes automatically the first time each user session invokes a subprogram in the package.c. It is a named procedure in a package that must be invoked by a user before any other part of the package can be invoked.d. It is a private function within the package body.
21. Package functions can be used in SQL statements. (True or False)
22. A function called from a query or DML statement may end the current transaction. (True or False)
23. The package state is (circle answers):
a. Initialized each time the package is called.b. Initialized only the first time the package is loaded.c. Persistent for the life of the session but may be changed when public variables are modified.d. Persistent for all active sessions, including your own.
24. A cursor's state in a package depends in part on whether the cursor is open or closed. (True or False)
25. The DBMS_OUTPUT Oracle-supplied package is commonly used forpurposes.

26. What will be displayed when the following code is executed?
BEGIN DBMS_OUTPUT.PUT_LINE('Retu is brave'); DBMS_OUTPUT.PUT('and wants to'); DBMS_OUTPUT.PUT('be a firefighter.'); DBMS_OUTPUT.NEW_LINE; END;
 a. Retu is brave and wants to be a firefighter. b. Retu is brave and wants to be a firefighter. c. Retu is brave and wants tobe a firefighter. d. Retu is brave and wants to be a firefighter.
27. What is the main purpose of the UTL_FILE package?
28. The following is a valid statement using the UTL_FILE package. (True or False) v_file_handle := UTL_FILE.FOPEN ('MYDIR','myfile.txt');
29. What are the stages that a SQL statement may undertake (circle answers)?
a. Parseb. Createc. Executed. Compilee. Fetch
30. At what stage in the execution of a SQL statement is the syntax checked, the existence of an object is verified, and privileges are validated?
31. The dynamic SQL enables what types of statements to be executed in PL/SQL?
32. What phrase goes in Line A to remove a table?
CREATE PROCEDURE drop_any_table(p_table_name VARCHAR2) IS BEGIN Line A END;
33. What is the name of the package that can also be used to write Dynamic SQL?