Chapter 7 quiz

* **Question 1**

1 out of 1 points

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| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | Which of the following correctly sets the default purity level for a packaged function? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correcta.  PRAGMA RESTRICT\_REFERENCES(DEFAULT, WNDS, WNPS); | | Answers: | Correcta.  PRAGMA RESTRICT\_REFERENCES(DEFAULT, WNDS, WNPS); | |  | b.  PRAGMA RESTRICT\_REFERENCES(*function\_name*, WNDS, WNPS); | |  | c.  RESTRICT\_REFERENCES(DEFAULT, WNDS, WNPS); | |  | d.  RESTRICT\_REFERENCES(*function\_name*, WNDS, WNPS); | |  |  |  |

* **Question 2**

1 out of 1 points

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| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | All code in the procedure and function header sections of a package body must match exactly to the declarations in the corresponding specification. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  True | | Answers: | Correct  True | |  | False | |  |  |  |

* **Question 3**

1 out of 1 points

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|  |  | | | |
| Correct | Items declared in the package body and not in the specification can be used only by other procedures and functions within this same package body. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  True | | Answers: | Correct  True | |  | False | |  |  |  |

* **Question 4**

1 out of 1 points

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|  |  | | | |
| Correct | Packages can be created in local libraries, as can procedures and functions. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  False | | Answers: | True | |  | Correct  False | |  |  |  |

* **Question 5**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | CREATE OR REPLACE PACKAGE ordering\_pkg IS    pv\_total\_num NUMBER(3,2);    PROCEDURE order\_total\_pp    (p\_bsktid IN NUMBER,     p\_sub OUT NUMBER);        FUNCTION ship\_calc\_pf       (p\_qty IN NUMBER)       RETURN NUMBER; END;  The code fragment above is an example of a(n) \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  package specification | | Answers: | anonymous block | |  | package body | |  | Correct  package specification | |  | package scope | |  |  |  |

* **Question 6**

1 out of 1 points

|  |  |  |  |  |
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|  |  | | | |
| Correct | Full procedures or function codes are contained in the \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correctd.  package body | | Answers: | a.  package header | |  | b.  package specification | |  | c.  anonymous block | |  | Correctd.  package body | |  |  |  |

* **Question 7**

1 out of 1 points

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|  |  | | | |
| Correct | \_\_\_\_ can be created only as stored program units. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correctb.  Packages | | Answers: | a.  Package specifications | |  | Correctb.  Packages | |  | c.  Cursors | |  | d.  Program units | |  |  |  |

* **Question 8**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | The AUTHID directive needs to be included in the package specification to clearly state the purity levels applicable to the function. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  False | | Answers: | True | |  | Correct  False | |  |  |  |

* **Question 9**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | Package elements that can be referenced from outside the package are considered \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correctd.  public | | Answers: | a.  one time only procedures | |  | b.  overloaded | |  | c.  private | |  | Correctd.  public | |  |  |  |

* **Question 10**

1 out of 1 points

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| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | The statement \_\_\_\_ would successfully declare a REF CURSOR data type. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correcta.  TYPE testcur IS ref cursor; | | Answers: | Correcta.  TYPE testcur IS ref cursor; | |  | b.  CREATE testcur as REF CURSOR; | |  | c.  testcur REF\_CURSOR; | |  | d.  TYPE testcur ref\_cursor; | |  |  |  |

* **Question 11**

1 out of 1 points

|  |  |  |  |  |
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|  |  | | | |
| Correct | The \_\_\_\_ is referred to as the package header. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correctb.  package specification | | Answers: | a.  program units | |  | Correctb.  package specification | |  | c.  purity level | |  | d.  construct scope | |  |  |  |

* **Question 12**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | CREATE OR REPLACE PACKAGE product\_info\_pkg IS    PROCEDURE prod\_search\_pp       (p\_id IN bb\_product.idproduct%TYPE,        p\_sale OUT bb\_product.saleprice%TYPE,        p\_price OUT bb\_product.price%TYPE);        PROCEDURE prod\_search\_pp       (p\_id IN bb\_product.productname%TYPE,        p\_sale OUT bb\_product.saleprice%TYPE,        p\_price OUT bb\_product.price%TYPE); END;  The code fragment above is an example of a(n) \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  overloaded procedure | | Answers: | package body | |  | Correct  overloaded procedure | |  | purity level | |  | package scope | |  |  |  |

* **Question 13**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | CREATE OR REPLACE PACKAGE metric\_pkg IS      cup\_to\_liter CONSTANT NUMBER := .24;      pint\_to\_liter CONSTANT NUMBER := .47;      qrt\_to\_liter  CONSTANT NUMBER := .95; END;  Which of the following statements about the code fragment above is correct? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  There is no need to create a body for this package. | | Answers: | The CONSTANT option allows the values of the variables to be modified. | |  | Correct  There is no need to create a body for this package. | |  | Program units are included in the package. | |  | The package body must be created. | |  |  |  |

* **Question 14**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | The term user scopeis the range of visibility for a particular element or construct contained in a package. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  False | | Answers: | True | |  | Correct  False | |  |  |  |

* **Question 15**

1 out of 1 points

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|  |  | | | |
| Correct | Package code is not cached, nor is package data such as variables and cursors. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  False | | Answers: | True | |  | Correct  False | |  |  |  |

* **Question 16**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | Forcing the user to use his or her own privileges for a program unit, and not that of the owner is called \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correctd.  invoker-rights | | Answers: | a.  user scope | |  | b.  definer-rights | |  | c.  user-rights | |  | Correctd.  invoker-rights | |  |  |  |

* **Question 17**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | When compiling objects that call packaged program units, which of the following statements is true? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correcta.  Restriction violations are not discovered until runtime. | | Answers: | Correcta.  Restriction violations are not discovered until runtime. | |  | b.  Restriction violations are discovered at compile time. | |  | c.  Because only the package body information is used, the PL/SQL compiler cannot determine if the restrictions on functions within SQL statements are being respected. | |  | d.  Only the program body is used for verification. | |  |  |  |

* **Question 18**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | The \_\_\_\_ packaged function purity level does not modify packaged variables. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correctc.  WNPS | | Answers: | a.  RNPS | |  | b.  WNDS | |  | Correctc.  WNPS | |  | d.  RNDS | |  |  |  |

* **Question 19**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | CREATE OR REPLACE PACKAGE ordering\_pkg IS    pv\_total\_num NUMBER(3,2);    PROCEDURE order\_total\_pp    (p\_bsktid IN NUMBER,     p\_sub OUT NUMBER);        FUNCTION ship\_calc\_pf       (p\_qty IN NUMBER)       RETURN NUMBER; END;  When creating a package body for the package specification above, which of the following statements is incorrect? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  The package body cannot include declarations of variables, cursors, types, and program units not found in the corresponding specification. | | Answers: | The package body must be created using the same name as the existing specification. | |  | All code in the procedure and function header sections in the package body must match exactly to the declarations in the corresponding specification. | |  | Correct  The package body cannot include declarations of variables, cursors, types, and program units not found in the corresponding specification. | |  | Items declared in the body and not in the specification can be used only by other procedures and functions within this same package body. | |  |  |  |

* **Question 20**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | When the values of package element persist throughout a user session and, therefore, can be referenced in code within various parts of the application during a user session, the elements are considered to be global. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  True | | Answers: | Correct  True | |  | False | |  |  |  |

* **Question 21**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | A one time only procedure is included in a package body as an anonymous PL/SQL block at the end of the body code. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  True | | Answers: | Correct  True | |  | False | |  |  |  |

* **Question 22**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | Packaged variable values are persistent throughout a user session and each user of the package has his or her own copy of the packaged variable. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  True | | Answers: | Correct  True | |  | False | |  |  |  |

* **Question 23**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | When a user assumes the rights of the program unit owner just during the processing of that program unit, this is referred to as \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correcta.  definer-rights | | Answers: | Correcta.  definer-rights | |  | b.  definer-scope | |  | c.  user scope | |  | d.  user-rights | |  |  |  |

* **Question 24**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | A(n) \_\_\_\_ is a statement used to define a data construct, such as a variable, name, and data type. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correcta.  declaration | | Answers: | Correcta.  declaration | |  | b.  package header | |  | c.  initialization | |  | d.  package specification | |  |  |  |

* **Question 25**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | All of the following represent packaged function purity levels, except \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correctc.  RIPS | | Answers: | a.  RNDS | |  | b.  WNDS | |  | Correctc.  RIPS | |  | d.  WNPS | |  |  |  |

* **Question 26**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | The statement \_\_\_\_ would successfully remove the package specification and body. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correctb.  DROP PACKAGE package\_name; | | Answers: | a.  DEL PACKAGE BODY package\_name; | |  | Correctb.  DROP PACKAGE package\_name; | |  | c.  DEL PACKAGE package\_name; | |  | d.  DROP PACKAGE BODY package\_name; | |  |  |  |

* **Question 27**

1 out of 1 points

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| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | Functions written in other languages such as JAVA can also be called from Oracle programs. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  True | | Answers: | Correct  True | |  | False | |  |  |  |

* **Question 28**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | The USER\_SOURCE data dictionary view is useful to identify what packages exist on the system. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  False | | Answers: | True | |  | Correct  False | |  |  |  |

* **Question 29**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | The \_\_\_\_ packaged function purity level does not modify database tables. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correctd.  WNDS | | Answers: | a.  RNDS | |  | b.  RNPS | |  | c.  WNPS | |  | Correctd.  WNDS | |  |  |  |

* **Question 30**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | The term \_\_\_\_ refers to the range of visibility for a particular element or construct contained in a package. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correcta.  package scope | | Answers: | Correcta.  package scope | |  | b.  package body | |  | c.  forward declaration | |  | d.  package specification | |  |  |  |