



قائمة الاسئلة

نظم قواعد البيانات - المستوى الثاني - قسم علوم حاسوب - كلية الحاسوب وتكنولوجيا المعلومات - الفترة - درجة الامتحان (40)

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- 1) If record size in a database is 512 bytes, and a block size is 1 MB in size, how many records can be stored in each block?
 - 1) - 512
 - 2) - 1024
 - 3) + 2048
 - 4) - 4096
- 2) A sector is divided into smaller track
 - 1) - TRUE.
 - 2) + FALSE.
- 3) refers to the number of records per block.
 - 1) - rotational delay
 - 2) + Blocking factor
 - 3) - Spanned Records
- 4) Refers to records that exceed the size of one or more blocks
 - 1) - rotational delay
 - 2) - Blocking factor
 - 3) + Spanned Records
 - 4) - Unspanned Records
- 5) New records are inserted at the end of the file in.....
 - 1) - ordered Files
 - 2) + Unordered Files
 - 3) - Hash Files
- 6) distributes data transparently over multiple disks to make them appear as a single large, fast disk
 - 1) + Data striping
 - 2) - mirrored disks
 - 3) - Hash Files
- 7) has an index entry for every search key value in the data file.
 - 1) - INDEX
 - 2) - A sparse index
 - 3) + A dense index
- 8) Includes one index entry for each block in the data file
 - 1) + Primary Index
 - 2) - Clusterd Index
 - 3) - Secondray Index
- 9) A primary index is a dense index
 - 1) - TRUE.
 - 2) + FALSE.
- 10) The data file is ordered on a non-key field , which requires that the ordering field of the data file have a distinct value for each record.
 - 1) - Primary Index
 - 2) + Clusterd Index
 - 3) - Secondray Index
- 11) value for the first record in the block, which is called
 - 1) + block anchor
 - 2) - files



- 3) - bloking
- 12) number of entries key in primary index =
- 1) - number of primary key value
 - 2) ☒ + number of block
 - 3) - number of data
- 13) An insertion into a node that is full is quite efficient
- 1) - TRUE.
 - 2) ☒ + FALSE.
- 14) A deletion is quite efficient if a node become less than half full
- 1) - TRUE.
 - 2) ☒ + FALSE.
- 15) All pointers to data records exists at the leaf-level nodes in
- 1) - Tree
 - 2) ☒ + B+-tree
 - 3) - B-tree
- 16) Executes commands from one process, then suspends that process and executes commands from another process
- 1) ☒ + Multiprogramming
 - 2) - Interleaved processing
 - 3) - Parallel processing
- 17) tow transactions access and update the same database items, a problem may occur:
- 1) ☒ + The lost update problem
 - 2) - Temporary Update Problem
 - 3) - The Incorrect Summary Problem
- 18) Which of the following statements is correct and is used to print bind variables ?
- 1) - DBMS_OUTPUT.PUT_LINE
 - 2) ☒ + set autoprint on
 - 3) - Set serveroutput on
- 19) Which of the following is true for defining a host variable?
- 1) - Declare m number:=20;
 - 2) ☒ + Variable m number:=20
 - 3) - Declare m number:=20;
 - 4) - Variable m number:=20;
- 20) Which of the following is true for defining function
- 1) - Create or replace function fun(name number) return 0 as
 - 2) ☒ + Create or replace function fun(name in number) return number as
 - 3) - Create or replace function fun(name out number) return number as
- 21) Load the current row in active set into variables
- 1) - declare
 - 2) - open
 - 3) ☒ + fetch
- 22) The cursor FOR loop is a shortcut to open and fetch processes and the record is explicitly declared.
- 1) - TRUE.
 - 2) ☒ + FALSE.
- 23) Evaluates to TRUE if the most recent fetch returns a row
- 1) - %NOTFOUND
 - 2) ☒ + %FOUND
 - 3) - %ROWCOUNT
- 24) Executes once for the triggering event



- 1) - Application trigger
 - 2) - A row trigger
 - 3) ☒ A statement trigger
- 25) The public part in package
- 1) ☒ package specification
 - 2) - package body
 - 3) - package specification and body
- 26) The package body should contain only those constructs that you want to be public
- 1) - TRUE.
 - 2) ☒ FALSE.
- 27) If multiple triggers are defined for the same object the last trigger is fire
- 1) - before statement trigger
 - 2) ☒ after statement trigger
 - 3) - before row trigger
 - 4) - after row trigger
- 28) The Data dictionary contains source code in USER_SOURCE for trigger.
- 1) - TRUE.
 - 2) ☒ FALSE.
- 29) Which is correct to create a trigger fire to check if the data insert corresponds with the data type?
- 1) - create or replace trigger emp_trig after insert on employees is
 - 2) ☒ create or replace trigger emp_trig before insert on employees is
 - 3) - create or replace trigger emp_trig after insert on employees for each row is
 - 4) - create or replace trigger emp_trig before insert on employees for each row is
- 30) parameter provides values for a subprogram to process.
- 1) ☒ in
 - 2) - out
 - 3) - inout
- 31) which lists the actual parameter values in the order in which the formal parameters are declared
- 1) ☒ Positional method
 - 2) - named method
 - 3) - Combination method
- 32) The best subprogram to display the salary and job ID for employee ID 120
- 1) ☒ procedure
 - 2) - function
 - 3) - trigger
 - 4) - package
- 33) Which of the following is true for making conditions in the PL/SQL?
- 1) ☒ IF condition then.. ELSEIF condition then ... ELSE
 - 2) - IF condition then.. ELSEIF condition then.. ELSE
 - 3) - IF condition then.. ELSEIF condition then..
- 34) Used to define a variable of the same type as the columns in the database.
- 1) - %type
 - 2) ☒ %rowtype
 - 3) - %column
- 35) Use PL/SQL collections when you want to store values of same data type.
- 1) ☒ TRUE.
 - 2) - FALSE.
- 36) optional block sections
- 1) - begin and end



- 2) ☒ declare and exception
3) ☐ declare and begin
- 37) which is correct to define for loop
1) ☒ FOR i IN 1..3 LOOP
2) ☐ FOR i IN from 1 to 3 LOOP
3) ☐ FOR i number IN 1..3 LOOP
- 38) to retrieve data The INTO clause is required in the select statement
1) ☒ TRUE.
2) ☐ FALSE.
- 39) which is true for define variable
1) ☐ employee_id employees.employee_id%TYPE := 176;
2) ☒ employeeid employees.employee_id%TYPE := 176;
3) ☐ employee_id employee_id.employees%TYPE := 176;
4) ☐ employeeid employee_id.employees%TYPE := 176;
- 40) You can access to the variable in the inner block from the outer block
1) ☐ TRUE.
2) ☒ FALSE.