### *DB2 QUESTIONS*

1. What does QMF stands for ?

 a) Query Manager Facility
 b) Query Management Factor
 c) Query Management Facility (X)
 d) None of the above

2. When DB2 is run with TSO data can be accessed from a TSO terminal in

 a) Foreground
 b) Batch job running in background
 c) Both a & b (X)
 d) None of the above

3. When DB2 is run in IMS environment an application can access data in

 a) Only DB2 database
 b) Only IMS database
 c) Both DB2 & IMS databases (X)
 d) None of the above

4. DB2 application programs can be written in which of the following languages?

 a) COBOL
 b) PL/I, FORTRAN, PASCAL, COBOL, C
 c) PL/I, FORTRAN, C, COBOL, ASSEMBLER
 d) COBOL, PL/I, FORTRAN, BASIC, APL2, C & ASSEMBLER (X)

5. DB2 maintains information about the data

 e) In Tables
 f) In a set of tables known as DB2 catalog (X)
 g) In DB2 database
 h) None of the above

6. DB2 utilities perform the following functions

 a) Back up and recover data
 b) Load and reorganize data
 c) Check and repair data & monitor performance
 d) All the above (X)

7. What does QBE stands for ?

a) Query By Execution
b) Query By Explanation
c) Query By Examples
d) Query By Example (X)


8. QMF functions are used to perform

a) Ad hoc query requests using SQL
b) Ad hoc query using QBE & report preparation
c) Generation of graphics displays
d) All the above (X)


9. Which operator is used to eliminate duplicate rows is QBE Query ?

a) DISTINCT
b) UNQ (X)
c) UNIQUE
d) None of the above

10. Which of the following is valid in the case of QBE Query ?

a) PRICE NOT > 500.00
b) PRICE --| > 500.00
c) NOT PRICE > 500.00 (X)
d) None of the above


11. What does SQLCA stands for ?

a) SQL Communications Area (X)
b) SQL Control Area
c) SQL Connection Area
d) SQL Control Access


12. When there is no data available to satisfy the FETCH condition DB2 places a
   return code

a) +000
b) −001
c) +904

d) +100(X)

13. In processing SQL return codes which are the conditions that can be specified in a WHENEVER statement ?

a) SQLERROR, NOT FOUND, SQLWARNING(X)
b) SQLERROR, FOUND, WARNING
c) SQLERROR, NOT FOUND
d) None of the above

14. What does DCLGEN stands for ?

a) Declaration General
b) Data Control Language Generator
c) DB2 Control Region
d) Declaration Generator (X)

15. What does DB2I stands for ?

a) DB2 Interchange
b) DB2 Information
c) DB2 Interactive (X)
d) DB2 Init

16. The relational model is concerned with

a) Data Structure
b) Data Integrity
c) Data Manipulation
d) All the above (X)

17. The relational equivalent of RECORD is

a) Relation
b) Tuple (X)
c) Attribute
d) Primary Key

18. The two types of DB2 tables are

a) Base Tables & Views  (X)
b) Base Tables & Catalogs
c) Tables & Views
d) None of the above


19. What does IRLM stands for ?

a) IMS Resource Lock Manager (X)
b) Information Resource Lock Manager
c) Information Resource Location Manager
d) Integrity Resource Lock Manager


20. Runtime Supervisor is resident in main memory when the application program is executing

a) True (X)
b) False
c) Can't Say


21. Which Database Services component manages the physical database ?

a) DBRM
b) Buffer Manager
c) Runtime Supervisor
d) Data manager (X)


22. Bind component Produces

a) Only Package
b) Only Application Plan
c) Both a & b (X)
d) None of the above


23. Directory cannot be accessed by SQL statements

a) True (X)
b) False
c) Can't Say

24. What does CAF stands for ?

a) Call Attachment Facility (X)
b) Catalog Attachment Facility
c) Control Attachment Facility
d) Catalog Allocation Facility


25. What are the valid DB2 numeric data types ?

a) NUMERIC, INTEGER, SMALLINT, FLOAT
b) LONG, SMALLINT, FLOAT
c) INTEGER, SMALLINT, DECIMAL, FLOAT (X)
d) INTEGER, TINYINT, FLOAT, DECIMAL


26. The statement  START_DATE + 1 YEAR +  6 MONTHS is correct

a) True (X)
b) False
c) Can't Say


27. The statement START_DATE + ( 1 YEAR + 6 MONTHS ) is valid

a) True
b) False (X)
c) Can't Say


28. The statement TIME('9:00 AM') + 120000 is valid

a) True (X)
b) False
c) Can't Say


29. The statement '9:00 AM' + 120000 is valid

d) True
e) False (X)
f) Can't Say


30. The statement START_DATE + 6 HOURS is valid

g) True
h) False (X)
i) Can't Say


31. DB2 Supports Outer Join

a) True
b) False (X)
c) Can't Say


32. The use of IN or BETWEEN Operator in SQL gives better performance than LIKE Operator

a) True (X)
b) False
c) Can't Say


33. The maximum number of tables that can be used in DB2 SQL join is

a) 12
b) 15 (X)
c) 5
d) 10


34. Which utility allows the user to execute any operation that system supports

a) SYSOPR
b) DBMAINT
c) DBADM
d) SYSADM (X)


35. Which utility allows the user to execute maintenance functions on a database

e) SYSOPR
f) DBMAINT (X)
g) DBADM
h) DBCTRL

36. Failure to use null indicator variable when referencing a nullable column will give the following SQLCODE

a) +150
b) –001
c) +276
d) +305 (X)


37. If the Singleton SELECT retrieves  more than one row the SQLCODE will contain the value

a) –255
b) –905
c) –001
d) –811 (X)


38. Which SQLCODE is used to check for duplicate index on a column

a) –811
b) –803 (X)
c) –805
d) –855


39. A Plan is

a) Is an executable module containing access path logic provided by the DB2 optimiser (X)
b) In an non executable module containing access path logic provide by the DB2 optimiser
c) Is just a module containing access path  to DB2 optimiser
d) Is a module containing access path


40. A Package is

a) A single, bound DBRM
b) A Multi bound DBRM with optimised access paths
c) A Single bound DBRM with optimised access paths (X)
d) A Multi bound DBRM


41. Package information is stored in

a) DB2 Directory
b) DB2 system tables
c) DB2 catalog tables (X)
d) None of the above


42. Packages can never be directly executed

a) True (X)
b) False
c) Can't Say


43. A Collection is

a) A system defined name
b) A user defined name for Plans
c) A user defined name for Packages (X)
d) A System defined name for Plans


44. How many buffer pools are there is DB2

a) 4 (X)
b) 3
c) 15
d) 8


45. Data Pages can be of size

a) 4K
b) 32K
c) 4K & 32K
d) 4K or 32K (X)


46. DB2 sorting takes place at

a)  DSNBD07
b) DSNDB07(X)
c) DSNBD10
d) DSNDB11

47. What is an image copy ?

a) It is an exact reproduction of entire database
b) It is an exact reproduction of partial database
c) It is an exact reproduction of all or part of a tablespace (X)
d) It is an exact reproduction of only part of tablespace

48. What is meant by an index scan?

a) When an entire index is scanned to locate rows we call it as index scan (X)
b) When only part of the index is scanned to locate rows we call it as index scan
c) When all the rows are scanned we call it as index scan
d) None of the above

49. What is a 'nonleaf' page ?

a) It is a page that contains keys
b) It is a page that contains page numbers of other pages in the index
c) It is a page that contains the index information
d) It is a page that contains both keys & page numbers of other pages in the index (X)

50. Non leaf page never point to actual data

a) TRUE (X)
b) FALSE
c) CAN'T SAY

51. Where are plans stored ?

a) SYSIBM . TABLESPACES
b) SYSIBM . CATALOGS
c) SYSIBM . SYSPLAN(X)
d) SYSIBM . SYS . PLAN

52. What is a STORGROUP ?

a) It is a collection of Packages stored on DASD volumes
b) It is a collection of Plans stored on DASD volumes

c)  It is a named collection of DASD volumes to be used by tablespaces
d)  It is  a named collection of DASD volumes to be used by tablespaces and index spaces of databases.(X)

53. What are the different types of locks that can be held ?

a)  Exclusive
b)  Shared
c)  Update
d)  All the above (X)

54. What command  used by TSO users to invoke DB2 ?

a)  RUN DSN
b)  DSN RUN (X)
c)  RUN
d)  None of the above

55. What are the different types of DB2 tablespaces ?

a)  Simple
b)  Segmented
c)  Partitioned
d)  All the above (X)

56. What is the maximum number of partitions allowed in a partitioned tablespace?

a)  58
b)  64 (X)
c)  32
d)  128

57. Can a column be added after a table has been created in DB2 ?

a)  YES (X)
b)  NO
c)  CAN'T SAY

58. Can you cascade an update of a primary key?

a) YES
b) NO
c) Only if the row has dependants
d) Only if the row has no dependants (X)


59. SQLDA(SQL Descriptor Area ) can be specified in

a) COBOL program
b) PL/I program
c) C program
d) None of the above (X)


60. Which component of MVS is used for storing large volumes of trace data ?

a) GTF (X)
b) RES
c) SMF
d) SRV


61. Which SQLCODE denotes Successful execution

a) +100
b) +000 (X)
c) −000
d) +010


62. Which SQLCODE denotes Unacceptable SQL statement?

a) −082
b) −080
c) −019
d) −084 (X)


63. Which SQLCODE denotes Dead Lock situation ?

a) −0l0
b) −904 (X)
c) −033
d) −343

64. UNION keyword causes duplicate rows to be removed from final result in the case of merger of more than 1 table

a) TRUE (X)
b) FALSE
c) CAN'T SAY

65. Which operator denotes single unknown character when used with the LIKE keyword ?

a) ?
b) %
c) _ (X)
d) @

66. A Tablespace can be thought of

a) As a logical address space on secondary storage (X)
b) As a Physical address space on secondary storage
c) Can't Say
d) It is physical location on the hard disk

67. What does SPUFI stands for ?

a) SQL Programming Using File Input
b) SQL Processing Using File Input
c) SQL Processor Using File Input (X)
d) Sequence Processing Using File Input

68. Which commands are used to access DB2 data through on-line TSO using

a) CLIST
b) REXX EXEC
c) Both a & b (X)
d) None of the above

69. Using which utility data can be loaded into DB2 tables ?

a) LOAD
b) QBE

c) DXT (Data Extract)
d) All the above (X)

70. A Program can explicitly define a  commit point by executing

a) COMMIT
b) ROLLBACK
c) Both a & b (X)
d) None of the above

71. Does DB2 supports Year 2000 ?

a) YES (X)
b) NO
c) CAN'T SAY

72. REPAIR utility

a) Restores databases to a current state
b) Replaces invalid data  with valid data (X)
c) Removes unwanted image copies
d) Determines whether indexes are consistent with the data in their corresponding tables

73. What does SAA stands for ?

a) System Application Architecture
b) System Administrator Area
c) System Administrator Account
d) None of the above

74. Which are the SQL statements that can't be executed dynamically ?

a) CLOSE
b) DECLARE
c) EXECUTE
d) All the above (X)

75. DB2 utilities are generally run as MVS batch jobs

a) TRUE (X)

b) FALSE
c) CAN'T SAY


76. Which are System Resource Privileges?

a) GRANT USE OF BUFFERPOOL
b) GRANT USE OF STOGROUP
c) GRANT USE OF TABLESPACE
d) NONE OF THE ABOVE


77. The EXISTS keyword in SQL will give boolean result

a) TRUE (X)
b) FALSE
c) CAN'T  SAY


78. The maximum number of characters that can be used to name a table in DB2
    is

a) 15
b) 16
c) 18 (X)
d) No restriction


79. Can a UNIQUE column contain a null value?

a) NO
b) Only a single null is allowed for that column (X)
c) Multiple nulls are allowed for that column
d) None of the above


80. The SELECT  statements  coded in COBOL should have which of the
    terminator ?

a)  ;
b)  ,
c)  END-EXEC (X)
d)  *

81. The database language was introduced by

a) E.F. Codd
b) Chamberlin and Boyce (X)
c) Mullins
d) None of the above


82. What is the first name of the prototype language introduced by IBM in 1974 ?

a) SEQUEL
b) SEQUEL –XRM(X)
c) SQL
d) None of the above


83. Which was the first prototype of successful RDBMS?

a) DB2/2
b) XRM
c) SYSTEM-R (X)
d) None of the above


84. The number of attributes in a relation are called

a) Degree(X)
b) Number
c) Domain
d) None of the above


85. The number of tuples or rows in a relation are called

a) Rowcount
b) Cardinality (X)
c) Degree
d) None of the above

86. The primary key and foreign key should be defined on the same underlying domain

a) TRUE(X)
b) FALSE
c) CAN'T SAY

87. A key made up of more than one column is called

a) Complex Key
b) Secondary Key
c) Composite Key(X)
d) Foreign Key

88. The operating system on which DB2 run is

a) OS/2
b) UNIX
c) XENIX
d) MVS (X)

89. What are the functions of the system services component?

a) Logging
b) Operator communication
c) System operation
d) All the above(X)

89. What is the function of DB2 pre-compiler?

a) Removes all the statements in source code
b) Replaces all the SQL statements into corresponding host language CALL statements(X)
c) Replaces SQL statements into corresponding host language statements
d) None of the above

90. What does DBRM contain?

a) Edited form of the SQL statements with some additional information(X)
b) Complied version of SQL statements
c) Complied version of source code

d) None of the above


91. The function of Bind id to convert the high-level DBRMs into optimsed internal form

a) TRUE(X)
b) FALSE
c) CAN'T SAY


92. Bind performs two major jobs syntax checking and optimization

a) TRUE(X)
b) FALSE
c) CAN'T SAY


93. What is SQL2 or SQL/92?

a) The second release of SQL
b) The second version of SQL
c) The ANSI SQL standard introduced in 1992(X)
d) None of the above


94. The Data Definition statements of SQL are GRANT and REVOKE

a) TRUE
b) FALSE(X)
c) CAN'T SAY


95. What are the DB2 objects that can be altered using ALTER statement?

a) Views
b) Indexes
c) Tables(X)
d) All the above


96. When creating a table using LIKE command the Primary Key and foreign key definitions are not inherited

a) TRUE(X)
b) FALSE
c) CAN'T SAY

97. Alternate key specifications can't be modified using ALTER TABLE statement

a) TRUE
b) FALSE
c) CAN'T SAY


98. What are the special registers of DB2?

a) CURRENT SQLID
b) CURRENT DATE, CURRENT TIME
c) CURRENT TIMESTAMP
d) All the above(X)


99. Whenever a base table is dropped the indexes for that table are not dropped

a) TRUE
b) FALSE(X)
c) CAN'T SAY


100. The default value in SELECT statement is SELECT DISTINCT

a) TRUE
b) FALSE(X)
c) CAN'T SAY


101. What is the clause for getting the values in particular order?

a) ORDER BY(X)
b) GROUP BY
c) ORDER
d) GROUP


102. Is the statement "SELECT * FROM EMP WHERE ENAME = NULL" correct ?

a) TRUE
b) FALSE(X)
c) CAN'T SAY

103.  What is the function used to retrieve all  the rows with out eliminating
      duplicate values?

a)  COUNT
b)  COUNT ALL
c)  COUNT(&)
d)  COUNT(*)


104.  The SQL statement  "SELECT AVG(MIN(SALARY)) AS  AVERAGE
      FROM EMP" is legal

a)  TRUE
b)  FALSE(X)
c)  CAN'T SAY


105.  Which is the aggregate function that returns zero when there are no rows
      satisfying the search criteria?

a)  MAX
b)  SUM
c)  AVG
d)  COUNT(X)


106.  What will the aggregate function SUM  return when there are no rows
      satisfying the search criteria?

a)  ZERO
b)  –1
c)  NULL(X)
d)  1


107.  Subqueries are nested SELECT statements

a)  TRUE(X)
b)   FALSE
c)  CAN'T SAY


108.  If the comparison operator in a join is "=" then that join is called

a) Outer Join
b) Inner Join
c) Equality Join
d) Equijoin(X)


109. When one of the identical column in a equijoin is eliminated then that join is called

a) Equijoin
b) Natural Join(X)
c) Outer Join
d) Inner Join


110. For a view to be updatable the view should be derived from a single base table

a) TRUE(X)
b) FALSE
c) CAN'T SAY


111. If the column of a view is derived from an aggregate function then that view is not updatable

a) FALSE
b) TRUE(X)
c) CAN'T SAY


112. A view defined on a updatable view is updatable

a) TRUE(X)
b) FALSE
c) CAN'T SAY


113. Name the DB2 table where the EXPLAIN analysis results can be got

a) PLAN_TABLE(X)
b) EXPLAIN_TABLE
c) PACKAGE_TABLE
d) None of the above

114. The BETWEEN predicate is more efficient than >= predicate

a) TRUE(X)
b) FALSE
c) CAN'T SAY


115. What are the table privileges?

a) ALTER, DELETE
b) INDEX, INSERT, SELECT, UPDATE
c) ALL
d) All the above(X)


116. What are the Database privileges?

a) CREATETAB, CREATETS, DISPLAYDB
b) DROP, IMAGECOPY, STARTDB
c) LOAD, RECOVERDB, REORG
d) All the above(X)


116. CICS and DB2 can exist under the same region in MVS operating system

a) TRUE
b) FALSE(X)
c) CAN'T SAY


117. What is the facility that connects DB2 and CICS?

a) SQL
b) VSAM
c) CICS Attachment Facility(X)
d) DB2 Attachment Facility


118. DB2 supports record level locking

a) TRUE
b) FALSE(X)
c) CAN'T SAY

119. Which is the system that DB2 uses for locking

a) LOCK Manager
b) Resource Manager
c) IRLM(X)
d) None of the above

120. DB2 trying to lock without the help of IRLM then that locks are called

a) Locks
b) Links
c) Latches(X)
d) None of the above

121. Latches are more efficient than locks

a) TRUE(X)
b) FALSE
c) CAN'T SAY

122. What is the utility used to generate host variables?

a) QMF
b) SPUFI
c) DCLGEN(X)
d) None of the above

123. When WHERE CURRENT of clause is used the cursor should be declared
with

a) UPDATE clause
b) FOR UPDATE OF clause(X)
c) MODIFY clause
d) None of the above

124. What are the two types of SQLs?

a) Simple and complex
b) Static and Dynamic(X)
c) Re-entrant and Non re-entrant
d) Non of the above

125. What are the Dynamic SQL statements?

a) DECLARE
b) EXECUTE
c) PREPARE and EXECUTE IMMEDIATE
d) All the above(X)

126. EXECUTE IMMEDIATE dynamic SQL supports SELECT statement

a) TRUE
b) FALSE(X)
c) CAN'T SAY

127. What is the parameter marker in DB2?

a) *
b) ?(X)
c) /
d) ~

128. What is the input for Bind operation?

a) Source Code
b) SQLs
c) DBRMs(X)
d) All the above

129. What is the output of Bind operation?

a) Load module
b) Application plan(X)
c) DBRMs

d) All the above

130.   What are the different types of traces provided by DB2?

a) Accounting and Audit trace
b) Global and Monitor trace
c) Performance and Statistics trace
d) All the above(X)

131.   What are the main backup utilities of DB2?

a) COPY and MERGE COPY
b) RECOVER
c) QUIESEC
d) All the above(X)

132.   The LOAD utility is used to accomplish bulk inserts into DB2 tables

a) TRUE(X)
b) FALSE
c) CAN'T SAY

133.   The COMMIT and ROLLBACK statements are instructions to DBMS

a) TRUE
b) FALSE(X)
c) CAN'T SAY

134.   COMMIT and COMMIT WORK does the same function

a) TRUE(X)
b) FALSE
c) CAN'T SAY

135.   What is the process of copying contents of the active log to the archive log?

a) Load-shedding
b) Off-Loading(X)

c) Archiving
d) None of the above

136.   A non-correlated subquery is resolved in bottom up manner where as
       correlated subquery is resolved in top down manner.

a) TRUE(X)
b) FALSE
c) CAN'T SAY

137.   Which are the situations in which column names must be specified
       explicitly for all columns of the
        view?

a) Any column of the view is derived form a function
b) Any column of the view is derived form an operational expression
c) Two or more columns of the view would otherwise have the same name
d) All  the above(X)

138.   The ON DELETE CASCADE option means that the delete operation is
       cascaded, that is if a row in
       the  parent table is deleted then all the matching rows in the child table is
automatically deleted.

 a) TRUE(X)
 b) FALSE
 c) CAN'T SAY

139. The expression  DATE('6/30/1977') - 1 MONTH yields the result '5/31/1977'.

a) TRUE
b) FALSE(X)
c) CAN'T SAY

139.   Which is the function used for extracting the hour portion of the time or
       Timestamp

a) TIME
b) HOUR(X)
c) TIMESTAMP TO HOUR
d) None of the above

140.   A syncpoint represents a boundary point between two transactions and it
       corresponds to the end of a
   logical unit of work and therefore a point in which the database is in a state of
consistency.

a) TRUE(X)
b) FALSE
c) CAN'T SAY

141.   What are the functions of the CHECK utility?

a) Checks the integrity of data structures
b) Checks  the referential integrity between 2 tables
c) Checks the indexes for consistency
d) All the above(X)

142.   If the FROM clause in the view definition involves multiple range variables,
       then it is not updatable.

a) TRUE(X)
b) FALSE
c) CAN'T SAY

143.   If NOT NULL WITH DEFAULT is specified during an ALTER TABLE
       command what will be the
   default values for the DATE, TIME and TIMESTAMP?

a) SPACES
b) CURRENT DATE, CURRENT TIME and CURRENT TIMESTAMP
c)  01/01/0001, 00:00 AM, 0001-01-01-00.00.00.000000 (X )
d) None of the above

144.   The total collection of stored data is divided into a number of user databases and system databases,
each of  which is divided into a number of tablespaces and index spaces.


  a)     TRUE(X)
  b)     FALSE
  c)     CAN'T SAY




145. What is the collection of data designed to be used by different people is called

a)  File
b)  Database (X)
c)  Tuple
d)  Table


146.  DB2 is

a) Database/Data communication system
b) Database
c) Relational Database Management system (X)
d) Programming language


147. What are the characteristics of  Database Management Systems?

a)  Non-redundancy
b)  Data Independence
c)  Increased Security
d)  All of the above (X)


148. What are the aggregate functions supported by DB2 ?

a)  SUM and AVG
b)  SUM, MIN and MAX
c)  SUM, MAX, MIN, AVG and COUNT   (X)
d)  NONE

149. EXPLAIN allows the user to obtain information regarding the optimizer's choice of access strategy for a given SQL statements.

a) True  (X)
b) False


150. SELECT * FROM ………. will  retrieve all columns of the table meeting the selection criteria .

a) True (X)
b) False

151. How does the defining of a stored procedure affect the size of a DB2 database?

    a) It increases the size of the database.
    b) It decreases the size of the database.
    c) It does not affect the size of the database. (X)


152. What is contained in the DB2 nodelock file?
    a) database names
    b) database user names
    c) license keys (X)
    d) server names


153. Which authority can be granted to a group of users using the GRANT statement?
    a) SYSCTRL
    b) SYSADM
    c) DBCTRL
    d) DBADM (X)


154. Which SQL command successfully removes uncommitted changes from a DB2 database?
    a)  ROLLBACK (X)
    b)  DELETE
    c) DROP
    d) DECOMMIT

155. Where is a view definition stored when the view is created?
    a) in the database log files
    b) in the user tablespace

c) in the system catalog tablespace (X)
d) in the index tablespace

156. For which database object can a lock be obtained?
    a) a database directory
    b) a database tablespace (X)
    c) a database bufferpool
    d) a database column

157. Given the statement

  CREATE TABLE userid.test (
   date_taken   DATE NOT NULL,
   number      SMALLINT NOT NULL,
   PRIMARY KEY (number))

  Which will be the schema name for the table:
    a) date_taken
    b) number
    c) test
    d) userid (X)

158. The following tables exist in the database:

    db2.staff
    userid.staff

  An application issues the dynamic SQL call "select * from staff".
  What determines the table which will be accessed?

    a) the userid of the binder of the package
    b) the userid connected to the database (X)
    c) the userid of the precompiler of the package
    d) the userid specified in the db2cli.ini file
    e) the userid of the creator of the staff table

159. What is the purpose of the COLLECTION parameter of precompile/bind
  parameter?

    a) define the name of the package

b) provide an alias for the package
c) define the schema of the package (X)
d) define the database of the package


160. Which system catalog view can be used to determine when a bind operation was performed on a given package?

a) SYSCAT.PRECOMPILE
b) SYSCAT.PACKAGES (X)
c) SYSCAT.BIND
d) SYSCAT.TIMESTAMP
e) SYSCAT.ACCESSPLAN


161. Which of the following programming methods will store an access plan within   the database?

a) Embedded Dynamic SQL
b) Embedded Static SQL (X)
c) Call Level Interface (CLI)


162. Which of the following programming method would you use if you want to restrict access to specific columns in your data?

a) Embedded Dynamic SQL
b) Embedded Static SQL (X)
c) Call Level Interface (CLI)


163. What is the easiest method using DB2 to ensure that a columns values remain within a predetermined range?

a) define a primary key on the column
b) define a foreign key on the column
c) define a table check constraint (X)
d) define an insert constraint


164. How many rows can be retrieved using a SELECT INTO statement in an application?

a) none

b) 1 (X)
c) 2
d) unlimited


165. Which of the following statements uses embedded dynamic SQL?

a) SELECT col1 INTO :hv from table1
b) DECLARE c1 CURSOR FOR s1 (X)
c) DECLARE c1 CURSOR for SELECT col1 INTO :hv FROM table1
d) IMMEDIATE SELECT col1 INTO :hv FROM table1


166. Which type of cursor should be used so that its position will be maintained between transactions?

a) FOR HOLD
b) FOR UPDATE
c) FOR FETCH
d) WITH HOLD (X)

167. When can cursors be used to begin accessing data from the database?

a) after the cursor has been declared
b) after the cursor's host variable has been initialized
c) after the cursor has been opened (X)
d) after the first fetch has occurred


168. What occurs when you close a cursor?

a) the transaction is rolled back
b) the transaction is committed
c) the cursor is available to be used in a subsequent fetch
d) the cursor must be reopened to be used in a subsequent fetch(X)


169. How would you determine you are at the end of the result set?

a) check the NULL indicator host variable after each fetch
b) check the SQLCA after closing the cursor
c) check the SQLCA after each fetch (X)
d) check the SQLDA after each fetch


170. How should a host variable be defined to be used as a NULL indicator?

a) boolean
b) integer (X)
c) character
d) binary large object

171.What must be done prior to capturing an EXPLAIN snapshot?

    A.    Update the EXPLAIN directory.
    B.    Create the EXPLAIN database.
    C.    Rebind the EXPLAIN tool.
    D.  Create the EXPLAIN tables. (X)

172.If a query is to provide a sorted result how might DB2 perform the sorting operation?

    A.    DB2 will not sort the result
    B.    DB2 will sort the data within the buffer pool
    C.    DB2 will always sort the data on disk
    D.    DB2 will attempt to perform the sort in memory (X)

173.Where would the SQL error code (SQLSTATE/SQLCODE) be reported?

    A.    in the SQLDA data structure
    B.    in the SQLCA data structure (X)
    C.    in the DB configuration file
    D.    in the event monitor log

174. Given the following statements:

    Connect to sample
    grant select on table t1 to public

Who can create a view based on the table t1?

    A.    nobody
    B.    everybody(X)
    C.    DBADM

D.       SYSMAINT

175.   What information is used as input to the bind process?

a) SYSIBM.SYSSTMT(X)
b) SYSIBM.SYSCATL
c) SYSIBM.SYSDTRG
d) None of the above

176.   What is the function of Buffer Manager?

a) DB2 component responsible for physically transferring data between an
   external medium and virtual storage.
b) It minimizes the amount of physical I/O.
c) All the above (X)

177.   How many buffer pools are there in DB2?

a) 1
b) 2
c) 3
d) 4 (X)

178.   The valid collection of buffer pool is

a) BP0, BP1, BP2 and BP32 (X)
b) BP0,BP2 and BP33
c) BP0 and BP1
d) BP0, BP1, BP10

179.   What is the function of DSNDB07 database?

a) Sorting(X)
b) Copying
c) Merging
d) None of the above

180.   What will the FREE command do to a plan?

a) It will drop the existing plan
b) It will delete the existing plan
c) Both a & b(X)
d) None of the above

181.    What is a data model?

a) A data model is a way of representing entities
b) A data model is  a way of representing attributes
c) A data model is a way of representing relationships
d) All the above(X)

182.    How are write I/Os from the buffer pool executed?

a) Asynchronously(X)
b) Synchronously
c) Both a & b
d) None of the above

183.    Can one execute SQL CREATE, ALTER or GRANT statement on a
        remote system?

a) YES
b) NO(X)
c) Can't say

184.    Where is the isolation level specified?

a) BIND
b) REBIND
c) Both a & b (X)
d) None of the above

185.    Can a UNION and a JOIN be used in the same SELECT statement?

a) YES
b) NO (X)
c) Can't Say

186.    What exception conditions can be trapped by the WHENEVER statement?

a) NOT FOUND
b) SQLERROR
c) SQLWARNING
d) All the above (X)