

ICS Part 2 Computer Science Online Test

Sr	Questions	Answers Choice
1	A factor consider when choosing a file organization is	A. Fast data retrieval B. Security C. Efficient storage D. All of them
2	The last statement of each case in switch must be a:	A. Default statement B. If-else statement C. Break statement D. Else statement
3	Which escape sequence can move the cursor at the beginning of current line in C?	A. \a B. \b C. \m D. \r
4	Each of the following is an example of a valid Access data type EXCEPT:	A. Memo B. Currency C. Name D. Text
5	Which of the following character is used to mark the end of the string?	A. \0 B. /0 C. \a D. \n
6	Which of the following may be a temporary file?	A. Master file B. Transaction file C. Back up file D. None
7	Which of the following can be found in an MS Access database file?	A. Tables B. Forms C. Queries D. All
8	Formal arguments are also called:	A. Actual arguments B. Dummy arguments C. Original arguments D. Referenced arguments
9	Which is true about a variable?	A. The name and data value can both change B. The name can change, but the data value cannot C. The name cannot change, but the data value can D. The name and the data value both cannot changed
10	Conditional operator is also called:	A. True operator B. Ternary-operator C. Truth operator D. All of these
11	The foreign key is found in:	A. Parent table B. Dependent table C. Pivot table D. Index table
12	Which of the following options is used fro editing forms in MS Access?	A. Grid lines B. Snap to grid C. Resizing objects D. All
13	The programmer usually enters source code into a computer using:	A. Compiler B. Text editor C. Debugger D. Linker
14	Which of the following is logical data type in MS Access?	A. Boolean B. Yes/No C. True/false D. Log

15	A two-dimensional table of data is called a	A. group B. set C. declaration D. relation
16	Which of the following work with files	A. fsanf() B. fprintf() C. printf() D. Both a and b
17	Which of the following are valid case statements in a switch?	A. Case 1: B. Case x<4: C. Case 'ab': D. Case 1.5:
18	C was developed in the year:	A. 1970 B. 1972 C. 1976 D. 1995
19	The function used to show the output on screen is	A. Printf() B. Scanf() C. Sqrt() D. Main()
20	An example of a query is:	A. Selection of all records that match a set of criteria. B. Importing of a spreadsheet file into the database C. Search for a specific record D. Both a and c are correct
21	The symbol '=' represents	A. Comparison operator B. Assignment operator C. Equal to operator D. None of these
22	In which loop the condition comes before the body of the loop?	A. While loop B. Do-while loop C. For loop D. B and C
23	The rows of a relations can be of _____ order.	A. Any B. Same C. Sorted D. Constant
24	How many characters Memo can store?	A. 1024 B. 64,000 C. 16 D. 4
25	Which of the following is used to describe the characteristics of an object?	A. Attribute B. Relationship C. Cardinality D. Modality
26	A record in a database is the information refers to:	A. Person B. Product C. Event D. All
27	You can drag _____ bar to move property sheet window around screen:	A. Title bar B. Status bar C. Scroll bar D. All
28	Which of the following is a possible value of flag?	A. - B. + C. Space D. All
29	A relation is also known as:	A. Table B. Tuple C. Relationship D. Attributes
30	Which is NOT a rule for naming variables?	A. Use a descriptive name for the value B. Start the name of variable with a letter C. Use nothing but letters, digits, or the underscore character D. All the above
31	The operator that needs one operand is called	A. unary B. binary C. ternary D. all

32	Manipulated of data to achieve required objectives and result is called:	A. Data processing B. Operation C. a and b D. None
33	Which statement is used by a function use to return a value?	A. Give B. Return C. Continue D. Send
34	Which of the following view in MS Access looks like an electronic spreadsheet?	A. Datasheet B. QBE C. Relationship D. Design
35	Ms.Access is an example of	A. Simple database B. Flat file database C. Relational database D. All of above
36	In 3NF a non-key attribute must not depend on a	A. Non-key attribute B. Key attribute C. Composite key D. Sort key
37	Which of the following is not a valid escape code?	A. \t B. \r C. \y D. \f
38	Which of the following represents a collection of concepts that are used to describe the structure of a database:	A. Data warehouse B. Data model C. Data structure D. Data type
39	How many times the instruction in the body of following loop will execute for (x = 1; x < 5; x ++)	A. 3 B. 4 C. 5 D. 6
40	The keyword used to come out of the body of loop is	A. Exit B. Continue C. Break D. Ebd
41	The number of bytes used by float data type in C is:	A. 2 B. 4 C. 121 D. 16
42	How many variables can be used in one printf function?	A. One B. Two C. Many D. Ten
43	The table columns describe the ?	A. data type B. actual data C. unique name D. all
44	Which are basic data distribution strategies?	A. Centralized B. Partitioned C. Replication D. All
45	Int type variable use ----- bytes in memory	A. 2 B. 4 C. 6 D. 8
46	The attribute on the left side of the arrow in a functional dependency is called:	A. Candidate key B. Determinant C. Foreign key D. Primary key
47	Which of the following is NOT a valid identifier?	A. return B. myInt C. myInteger D. total3
48	A virtual table that is constructed form other tables is called:	A. Table B. View C. Relation D. Tuple
49	The number of variables that can be used in printf () function are	A. one B. many C. three

		C. source code D. zero
50	A computer program written in a high-level language is called	A. object code B. re locateable code C. source code D. none of them
51	Which key does not have uniqueness property?	A. Candidate B. Foreign key C. Primary key D. Secondary key
52	Which of the following data type offers the highest precisions	A. Float B. Long int C. Long double D. Unsigned long unit
53	A well-organized set of instructions given to the computer is called:	A. Hardware B. Software C. Bug D. None
54	The statement that is used for an	A. while B. all C. for D. goto
55	Conditional operator is alternative of:	A. If B. If-else C. Nested if-else D. None of these
56	The data or information that describes an entity is called:	A. Attribute B. Data item C. Record D. Tuple
57	An MS Access table contains:	A. Fields B. Records C. Characters D. All
58	Which of the following methods are used for creating a table in Access?	A. Creating table in Design view B. Creating table by using wizard C. Creating table by entering data D. All
59	_____ are used to enter data into databases	A. Queries B. Reports C. Tables D. Forms
60	Which statement is true about data types?	A. Data type has no memory requirements B. Each data type has different memory requirements C. Each data type has same memory requirements D. None of the above
61	A key in a relation	A. May not functionally determine any attribute in the row B. Functionally determine only one attribute in the row C. Functionally determine at least one attribute in the row D. Functionally determine all the attribute in the row
62	The symbol '=' represents:	A. Comparison operator B. Assignment operator C. Equal to operator D. None of these
63	The instruction that is used to execute a statement or set of statements is	A. while B. for C. do-while D. all
64	Which data type is used to store numeric value with no decimal point?	A. int B. char C. float D. All
65	The function used to input data in C program is	A. Print () B. Scanf () C. Sqrt () D. Main ()

66	In an E-R diagram a rectangle represents	A. Entity B. Attribute C. Record D. None of them
67	A memory location with some data that cannot be changed is called:	A. Constant B. Variable C. Keyword D. Address
68	Which character signifies the beginning of an escape sequence?	A. { B. \ C. // D. /
69	Escape sequence starts with the character	A. % B. / C. # D. none
70	Every field in a table has:	A. Field name and data type B. field name and a field number C. Field number and a data type D. Field name, field number, and data type
71	The parameters in function declaration are called:	A. Formal parameters B. Actual parameters C. Both a and b D. Returned parameters
72	The foreign key is found in	A. parent table B. dependent table C. pivot table D. index table
73	The header file that contains input and output functions is	A. Math.h B. Graphic.h C. Stdio.h D. Conio.h
74	Repetition structure is used to execute a statement or set of statement	A. Once B. More than one time C. Skip statement D. All
75	The name of actual and formal parameters:	A. May or may not be same B. Must be same C. Must be different D. Must be in lower case
76	Create command is used to create:	A. Table B. View C. Report D. Query
77	A table is a two-dimensional structure that consists of:	A. x and y co-ordinates B. Matrix elements C. Rows and columns D. Intersection of data
78	Which data type can be used to define a field that is also formatted for data entry and display?	A. Text and Memo B. Number and Currency C. Date/Time D. All
79	To be in 2NF every non key attribute must depend on	A. Key B. All parts of the key C. Composite key D. Both a and b
80	Which of the following is used to display a list of items in forms?	A. List box B. Combo box C. Both a and b D. None of these
81	Forms are designed for	A. Input data B. Manipulated data C. Accepting change D. All of them
82	A file is stored in:	A. RAM B. ROM C. Cache D. Hard disk
83	Basic, Fortran, Cobol, Pascal, C etc are ----- language	A. high-level B. low-level C. medium level

		C. medium-level D. intermediate-level
84	Which of the following activities involved in data processing?	A. Data capturing B. Data manipulation C. Managing output D. All
85	The types of files from usage point of view include	A. master file B. transaction file C. back up file D. all of them
86	An entity related to itself in an ERD model refers to	A. recursive relationship B. one-to-many relationship C. many to many relationship D. on to one relationship
87	A category of data or information that describes an entity is called	A. Attribute B. Data item C. Record D. Tuple
88	The output of the statement print ("%2f", 11.4519), is	A. 11.4519 B. 11.45 C. 11.51 D. 11
89	If fopen("Data.txt", "r") statement is used to open a file then what would be the necessary condition?	A. The file must already exist B. The file should be data file only C. The file must contain valid student data D. The type of file must be read only
90	A calculated field ,,,,,,,(select all that apply)	A.is a bound control B.is a control that contains an expression C.can perform calculations on field's values D.can perform calculations on explicit values
91	C is strongly typed language, it means that:	A. Every program must be compiled before execution B. Every variable must be declared before it is being used C. The variable declaration also defines the variable D. Sufficient data types are available to manipulate each type of data
92	Which of the following view in MS Access is used to define the structure of table?	A. Datasheet B. QBE C. Relationship D. Design
93	Local variables are also called:	A. Automatic variables B. Global variables C. Grid Variables D. None of these
94	Which mode opens only an existing file for both reading and writing?	A. "w" B. "w+" C. "r+" D. "a+"
95	A record is a complete set of ----- field	A. distinct B. related C. designed D. all of them
96	Which is a valid statement for initializing of a variable?	A. int n=100; B. int x=50, y=75; C. char grade='a' D. All of these
97	Turbo C++ can compile:	A. C programs only B. C and C++ programs C. Turbo C Programs only D. Turbo C++ programs only
98	Which of the following is basic data distribution strategy?	A. Centralized B. Partitioned C. Replication D. All
99	Forms are designed to:	A. Input data B. Manipulate data C. Accept change D. All

100	A single report can display data from:	A. One table B. Many tables C. Both A and B D. None of these
101	Which of the following looks for the prototypes of functions used in a program	A. Linker B. Loader C. Compiler D. Parser
102	Database integrity refers to the	A. Correctness of data B. Consistency of data C. Both a and b D. None of these
103	Which of the following function is used to read a string from a file	A. puts() B. Pute() C. fputs() D. fgets()
104	The output of a compiler is called:	A. Library code B. Source code C. Linked code D. Object code
105	The extension of program file is:	A. .com B. .exe C. Both a and b D. None
106	A form that contains a sub form is called:	A. Form B. Main form C. Report D. None
107	Which object of database is used to retrieve data from database?	A. Queries B. Forms C. Reports D. Tables
108	Each item of information with in a record is called:	A. File B. Field C. Both a and b D. byte
109	The keyword used to transfer control from the body of loop to the start of loop is	A. Exit B. Continue C. Break D. End
110	Which of the following is an image file extension?	A. .tif B. .jpg C. .bmp D. All
111	Which component of physical database design refers to the consistency of data?	A. Indexes B. Integrity constaint C. File organization D. Data distribution strategy
112	Information including the table name field names and data types is stored in	A. Data dictionary B. Table C. Fields D. None
113	Which character signifies the beginning of an escape sequence?	A. { B. \ C. // D. /
114	Which is an example of multiple branches form single expression?	A. If statement B. Switch statement C. While loop D. All
115	Which of the following statement about the Auto Form Wizard is not true	A. The Auto Form Wizard is the fastest & easiest way to create a form in Ms-Access B. The Auto Form Wizard can only create five types of forms C. Forms created with the Auto Form Wizard usually came out looking sharp and professional & don't require any further clean up work D. The Auto Form Wizard can only create forms based on a single table or query

116	All numbers greater than 0 and less than 100	A. < 0 and > = 100 B. > 0 and < = 100 C. < > 100 D. > = 1
117	The printf is a :	A. Build-in function B. User-defined function C. Local function D. Keyword
118	What is the variable name that is used by a function to receive passed values?	A. Funciton B. Parameter C. Expression D. Constant
119	Go to statement can not work properly without	A. condition B. operator C. label D. none
120	A collection of raw facts and figures is called:	A. Data B. Information C. Processing D. Knowledge
121	Which is the correct sequence of steps for creating and executing C program?	A. Editing ;">→ saving ;">→ compiling;">→ linking;">→ Executing B. ;">Compiling;">Editing→ saving→ Executing;">→ linking C. Editing;">→ Executing ;">→ Compiling;">→ Linking D. Linking Executing→ saving→ Editing→ compiling
122	The processing of running an executable file is known as:	A. Debugging B. Compiling C. Executing D. Saving
123	Which of the following are file handing functions?	A. fprintf() B. fscanf() C. Both a and b D. make()

124	Which of the following file is used to store additional copy of data?	A. Master file B. Transaction file C. Backup file D. None
125	A rule that states each foreign key value must match a primary key value in the other relation is called:	A. Referential integrity constraints B. Key match rule C. Entity key group rule D. Foreign/ primary match rule
126	Which of the following syntax is used to include header file?	A. #include<name of header file> B. #include" name of header file" C. Both a or b D. None of these
127	The loop structure that executes at least ones is	A. While B. Do-while C. For D. All
128	The output of a query is in the form of a	A. table B. form C. report D. tables
129	A relation is in third normal form if it is in second normal form and:	A. Dependent on part of the key B. Dependent on the whole key C. Independent of the key D. Has no transitive dependencies
130	In C program two functions can have	A. Same name B. Same parameters C. Same name & parameters D. Same name but different parameters
131	A collection of data that consists of name ,address and email of a person is called:	A. Byte B. Record C. Character D. Field
132	The statement printf ("% -10d",n) will display the value of n:	A. Right justified in ten-character space B. Left justified in ten-character space C. Center-justified in ten-character space D. None of these
133	A primary key that consists of more than one attribute is called a	A. Foreign key B. Composite key C. Multi-valued key D. Global key
134	A relation is known as	A. table B. tuple C. relationship D. attribute
135	Which option in MS Access is used to create a new database form scratch?	A. Access template B. Blank database C. Existing database D. New folder
136	From the followings which is different	A. If B. Else-if C. Function D. Switch
137	Which of the following is NOT a function of report?	A. Display data B. Edit data C. Output of database application D. Print data
138	Which of the following is the correct association?	A. File = column B. Record = row C. Field = row D. Record = table
139	SQL can be used to:	A. Create database structures only B. Query database only C. Modify database data only D. All
140	Which of the following are ingredients of data modeling?	A. Entities B. Attributes C. Relationship D. All

141	Which variable should be used to store the value "I want an A in this exam".	A. char B. int C. float D. character
142	Which of the following format specifiers is used for string?	A. %s B. %c C. %d D. %f
143	C is a:	A. High Level language B. Low-level language C. Assembly language D. Machine language
144	CREATE command is used to create:	A. Record B. View C. Report D. Query
145	Which of the following operators has lowest precedence	A. ! B. + C. = D. *
146	Which criteria can be used to find four-character name that starts with H?	A. H*4 B. H?4 C. H??? D. H####
147	Which is not possible	A. Nesting if statement B. Loop in the body of statement C. If statement in the body of loop D. None of above
148	As ampersand before the name of a variable denotes:	A. Actual value B. Variable name C. Address D. Data type
149	Which of the following are properties of relations?	A. Each attribute has a unique name B. No two rows in a relation are identical C. There are no multivalued attributes in a relation D. All of the above
150	This statement causes a loop to terminate early?	A. Break B. Terminate C. Exit D. A and B
151	Which can be previewed on the screen before printing?	A. Report B. Form C. Sub-form D. None
152	Which of the following is the fundamental language of the computer	A. C B. Unix C. Dos D. Machine language
153	Which of the following menus is used to switch between table views?	A. Edit B. File C. Tools D. View
154	Which escape sequence can be used to insert a tab in c:	A. \a B. \b C. \t D. \n
155	Which of the following is used to associate entities with one another?	A. Entity B. Attribute C. Identifier D. Relationship
156	Which of the following is equivalent to (p>=q)?	A. p<&t;q B. !(p<&t;q) C. p<&t;q D. 1p<&t;q
157	The SQL statement to create a view is:	A. CREATE VIEW B. MAKE VIEW C. SELECT VIEW D. INSERT VIEW

158	C programming language was developed for -----	A. DOS B. Windows C. Unix D. Xenix
159	The manipulated and processed data is called:	A. Object B. Information C. Knowledge D. Data
160	The functions used for input and output is stored in:	A. <code>stdio.h</code> B. <code>conio.h</code> C. <code>math.h</code> D. <code>inout.h</code>
161	The statement that activities a function is known as:	A. Function call B. Function output C. Function design D. Function definition
162	In a relational database a single piece of information is called:	A. Table B. Record C. Entity D. Attribute
163	A report may be based on:	A. A table but not a query B. A query but a table C. Both a table and a query D. None of these
164	A ----- Auto form displays one record at a time	A. tabular B. Columnar C. datasheet D. justified
165	The value of expression in switch statement must be type of	A. int B. char C. float D. both a and b
166	When is for loop more appropriate then while loop?	A. The termination condition is known in advance B. The number of iterations is not known in advance C. The loop should be executed only once D. The loop should be executed at least once
167	Getch stands for:	A. Go character B. Give character C. Get character D. All of these
168	The operator that is used in decision making is	A. increment operator B. decrement operator C. condition operator D. none
169	Add new record to the table in datasheet by typing data beside the	A. * B. ! C. @ D. =
170	Which of the following is true about a function call	A. Stop the execution of the program B. Transfer control to the called function C. Transfer control to the main function D. Resumes the execution of the program
171	One execution of a loop is knows as a (n):	A. Cycle B. Duration C. Iteration D. Test
172	Which of the following is true for return statement in a function?	A. It can return one value only B. It can return integer value C. It cannot return any value D. It cannot be used in a function
173	The basic structure of C program consists of:	A. Preprocessor Directive B. Main () function C. Program body D. All
174	Every relation must have:	A. Primary key B. Candidate key

174	Every relation must have.	C. Secondary key D. All of these
175	Which of the following is used to separate each variable while declaring more than one variable on the same line?	A. Commas B. Colons C. Pipes D. Semicolons
176	Storing the same information in two different ways or forms is called	A. database integrity B. redundant information C. homonyms D. mutually exclusive data
177	Which of the following is displayed by printf function?	A. Text B. Constant or values of variable C. A and B D. Graphics
178	Which of the following are required to declare a variable?	A. keyword B. Variable name C. Data type D. Both b and c
179	Which of the following loop is called counter loop?	A. For B. While C. Do-while D. All
180	Which is a possible value of flag?	A. - B. + C. Space D. All of these
181	B was developed in the year:	A. 1969-70 B. 1965-1975 C. 1972-1988 D. 1992-1996
182	The body of for loop with single statement ends with:	A. Right bracket] B. Right brace } C. Comma , D. Semi colon ;
183	A variable declared inside a function is known as:	A. Local variable B. Global variable C. Automatic variable D. A and C
184	Database integrity refers to the	A. correctness of data B. consistency of data C. both a and b D. none of these
185	A collection of data that consists of name, address and email of a person is called:	A. Byte B. Record C. Character D. Field
186	Which of the following looks for the prototypes of function used in a program?	A. Linker B. Loader C. Compiler D. Parser
187	_____ is created when the same name is used for two different attributes	A. Synonyms B. Homonyms C. Redundant information D. Mutually exclusive data
188	Which of the following keys us not unique:	A. Candidate key B. Forein key C. Primary key D. Secondary key
189	Which of the following statement can be used in C	A. While B. For C. Do while D. All
190	Format specifier is started with symbol:	A. ? B. % C. &#38; D. *
191	The conditional portion of the If statement can contain:	A. Any valid constant B. Any expression that can be evaluated to a Boolean value C. Any valid variable D. Any valid constant or vairable

192	The type of files from functional point of view include:	A. Program file B. Data file C. a and b D. None of these
193	Which of the following symbol is used with % sign to display output left-justified:	A. - B. / C. \ D. L
194	The smallest meaningful unit of data in a database is called:	A. Byte B. Record C. Character D. Field
195	Which of the following is the valid character constant	A. A B. "B" C. "6" D. =
196	Switch statement must use the keyword	A. Case B. Default C. Break D. All of the above
197	Which button of Find an Replace dialog box is clicked to start the search process?	A. Find B. Find Next C. Search D. Next
198	What is the value of "a" after execution the following code segment: int a=2; int b=0; while(b<5) { a=a*2; b=b+1; } a=a+1;	A. 64 B. 65 C. 66 D. 67
199	A technique for physically arranging the records of a file on secondary storage devices is called:	A. Physical pointer B. Retrieval program C. File organization D. Update program
200	Which of the following function is used to copy a string to an array of characters?	A. strcpy B. strpcy C. strycp D. copy
201	From the following statement which is the control statement	A. If B. Else if C. Switch D. All of the above
202	Which Auto form displays one record at a time ?	A. Tabular B. Columnar C. Datasheet D. Justified
203	An expression that uses a relational operator is known as:	A. Operational B. Sequential C. Serial D. Relational
204	Th process of sending an argument to a function is called:	A. Sending B. Filtering C. Delivering D. Passing
205	A_____stream is a sequence of characters	A. Binary B. Text C. Both a and b D. None of these
206	Which is related to modality?	A. Optional B. Mandatory C. Unidirectional D. Both A & B
207	You can use a decision statement to:	A. Run a series of statements if a test fails B. Test series of conditions C. Test whether a condition is true or false D. All of these

208	Which of the following things are determined by format specifier?	A. Data type B. Field width C. Format of the value D. All of these
209	In ERD model, the relationship between two entities is represented by a	A. diamond symbol B. rectangular box C. oval symbol D. line
210	The function getch() is defined in	A. stdio.h B. string.h C. math.h D. conio.h
211	The number of bytes used by char data type in C is:	A. 2 B. 1 C. 121 D. 16
212	The number of digits after a decimal point is called:	A. Significance B. Precision C. Range D. Scope
213	The scope of a variable refers to its:	A. Length B. Name C. Accessibility D. Data type
214	Function prototype for built-in-function are specified in:	A. Source file B. Header file C. Object file D. Image files
215	The three programming structures are:	A. Sequence, decision, and repetition B. Process, decision, and alternation C. Sequence, definition, and process D. Relation, comparison, and process
216	Which function is used to input data in C program?	A. scanf B. getch() C. gets() D. All
217	How many types of loop structure are available in C?	A. 4 B. 3 C. 2 D. 6
218	Which of the following file contains the software instructions?	A. Program file B. Data file C. Both a and b D. None
219	Assembly language is also called _____ language	A. Symbolic B. High-level C. Low-level D. intermediate-level
220	An IDE stands for:	A. Input data error B. Input Desktop environment C. Integrated Development Environment D. Internal Disk error
221	Relationship are	A. uni-directional B. bi-directional C. tri-directional D. none of these
222	The function that is used to display output on screen is called:	A. printf B. scanf C. pow D. Display
223	How many table views are available in MS Access?	A. 1 B. 3 C. 2 D. 4
224	The attribute on the left hand of the arrow in a functional dependency is:	A. Candidate Key B. Determinant C. Foreign Key D. Primary Key
225	While loop is also called:	A. Conditional loop B. Wend loop C. Counter loop

		C. Counter loop D. Continuous loop
226	A collection of data that include name address phone number etc of a person	A. Byte B. Record C. Character D. Field
227	A two -dimensional table of data is called a	A. Group B. Set C. Declaration D. Relation
228	How many types of relationship can be used?	A. 2 B. 3 C. 4 D. 5
229	To select all records that begin with letters A through G	A. <="G" B. Like "G" C. <> A D. > A
230	Format specifier starts with the symbol	A. # B. % C. * D. all
231	Which is displayed in title bar of an open database?	A. Program name B. Database name C. Object type D. All of these
232	The scope of a variable refers to its:	A. Lengh B. Name C. Accessibility D. Data type
233	Which of the following format specifiers is used for float data type?	A. %s B. %c C. %d D. %f
234	Which loop statement executes the body of loop at least once?	A. do-while B. While C. For D. None of these
235	Which is needed to add, edit or delete records from a table?	A. Record view B. Datasheet view C. Design view D. Edit view
236	The number of bytes used by double data type in C is:	A. 2 (8) 8 B. 12 C. 6
237	Which is used to associate entities with one another?	A. Entity B. Attributes C. Identifier D. Relationship
238	The body of while loop with multiple statements ends with:	A. Right bracket] B. Right brace } C. Comma , D. Semi colon ;
239	All records in a file have the same:	A. Contents B. Structure C. Order D. Key
240	A subform can be created using:	A. Drag and drop method B. The form Wizard C. Subform wizard D. All
241	A table with five fields has a degree of	A. 5 B. 2 C. 10 D. none
242	Microsoft access saves the database with the extension:	A. .mdb B. .msdb C. .madb D. .mxls
243	Which of the following statements is the simplest form of a decision structure?	A. Select .case B. If statement C. Try Catch Finally

		C. Try..Catch..Finally D. Nested if
244	Another term for a conditional operator is:	A. Ternary B. Binary C. Byte D. Iteration
245	An advantage of partitioning is:	A. Efficiency B. Extra space C. Reliability D. Accuracy
246	Variable are created in:	A. RAM B. ROM C. Hard Disk D. USB
247	Another name for build-in function is:	A. User-defined function B. Arithmetic function C. Library function D. Both a and b
248	Format arguments are also called	A. Actual arguments B. Dummy arguments C. Original D. Referenced arguments
249	Which is not a logical operator?	A. B. ! C. != D. &&
250	An attribute is also known as:	A. Table B. Field C. Row D. Relation
251	Which of the following operations has lowest precedence?	A. ! B. + C. = D. ==
252	Insert command is used to insert:	A. A new table B. A new record C. A view D. Dependencies
253	Which of the following is not a valid variable name ?	A. Roll No B. Roll No C. Roll-No D. Roll #
254	_____ refers to a method of database distribution in which one database contains data that are included in another database.	A. Splitting B. Partitioning C. Replication D. Dividing
255	$a + = b$ is equivalent to:	A. $b + = a$ B. $a = + b$ C. $a = a + b$ D. $b = b + a$
256	The number of bytes used by long int data type in C is:	A. 2 B. 4 C. 12 D. 16
257	The number of bytes used by double data type in C is:	A. 2 B. 8 C. 12 D. 16
258	Which is a numeric data type ?	A. float B. int C. Both a and b D. char
259	In a loop semicolon is placed at the end of condition:	A. While B. For C. Do-while D. None of these
260	When does the code block following while ($x < 100$) execute?	A. When x is less than one hundred B. When x is greater than one hundred C. When x is equal to one hundred D. None

261	Which programming structure executes program statements in order?	A. Relation B. Decision C. Sequence D. Repition
262	The float, long float and double data types are known as:	A. Integer data B. character data C. Integral data D. Real data
263	Every relation should have :	A. Primary key B. Candidate key C. Secondary key D. Mutually exclusiveness
264	What is the value of "a" after the execution of the following code? int a 25; for(int c=0; c<4;c++) a=a-1; a=1+3;	A. 23 B. 24 C. 25 D. 20
265	----- is created when two different names are used for the same information	A. synonyms B. homonyms C. mutually exclusive data D. redundant information
266	An array script should be:	A. int B. float C. double D. An array
267	Which escape sequence can be used to begin a new line in C?	A. \a B. \b C. \m D. \n
268	All the intersection of rows and columns must have:	A. Single value B. Constant value C. Multiple values D. No value
269	This is a control structure that causes a statement or group of statement to repeat:	A. Decision statement B. Duration C. Iteration D. Test
270	A program used for producing an on-screen or printed documents from the database is known as:	A. Security B. Report generator C. Query D. SQL prompt
271	Which type of variable can store numbers data ?	A. int B. float C. double D. all
272	In a relational database, a single piece of information is called:	A. Table B. Record C. Entity D. Attribute
273	Which of the following is NOT a database object?	A. Table B. Query C. Report D. MS word
274	The loop statements in a language are	A. 2 B. 3 C. 4 D. 5
275	A variable declaration outside any function is known as:	A. Global variable B. Local variable C. External variable D. Static variable
276	What happens when the result of a calculation exceeds the capacity of data type?	A. System error B. Logic error C. Syntax error D. Over flow
277	Each set of related items in a table is called:	A. Table B. Record C. Field D. Query

278	Which of the following statement is not true	<p>A. The field list displays all the fields from a form's underlying table or query</p> <p>B. Click the field list button on the toolbar to display the field list</p> <p>C. You can add fields to a form by dragging them from the field list onto the form</p> <p>D. The field list displays all the fields from every table in a database</p>
279	The program structure that executes program statements in order is	<p>A. selection</p> <p>B. sequence</p> <p>C. repetition</p> <p>D. iteration</p>
280	A form that contains the sub form is called _____	<p>A. Form</p> <p>B. Main form</p> <p>C. Report</p> <p>D. None of them</p>
281	Which type of variable can store real value	<p>A. int</p> <p>B. long int</p> <p>C. char</p> <p>D. Float</p>
282	Which of the following escape sequence is used for beep	<p>A. /a</p> <p>B. /b</p> <p>C. /t</p> <p>D. /n</p>
283	The columns of a table correspond to:	<p>A. Table</p> <p>B. Record</p> <p>C. Field</p> <p>D. Cell</p>
284	Which of the following is NOT part of an if statement?	<p>A. A condition that evaluates as a Boolean</p> <p>B. A condition that evaluates as true or false</p> <p>C. A true block</p> <p>D. All of are part of an IF statement</p>
285	$a+=b$ is equivalent to:	<p>A. $b+=a$</p> <p>B. $a-=b$</p> <p>C. $a=a+b$</p> <p>D. $b=b+a$</p>
286	Which of the following data types is most appropriate for storing a name?	<p>A. float</p> <p>B. int</p> <p>C. char</p> <p>D. long</p>
287	Who developed C?	<p>A. Von-Meumann</p> <p>B. Al-Khuwarizmi</p> <p>C. Charles Babbage</p> <p>D. Dennis Ritchie</p>
288	The data in tables is entered in:	<p>A. Design view</p> <p>B. Normal view</p> <p>C. Datasheet view</p> <p>D. Layout view</p>
289	Which data type can be used to define a field that consists of a maximum of 255 numbers or letters?	<p>A. Text</p> <p>B. Memo</p> <p>C. Number</p> <p>D. Currency</p>
290	The number of variables that can be used in printf () function are	<p>A. One</p> <p>B. Many</p> <p>C. Three</p> <p>D. Zero</p>
291	The columns of a relations can be of _____ order.	<p>A. Any</p> <p>B. Same</p> <p>C. Sorted</p> <p>D. Constant</p>
292	SQL stands for:	<p>A. Sort Query Language</p> <p>B. Self Query language</p> <p>C. Seek Query language</p> <p>D. Structured Query Language</p>
293	The set of statement that executes repeatedly due to loop statement in called	<p>A. code of loop</p> <p>B. body of loop</p> <p>C. loop structure</p> <p>D. all</p>

A. Sequential

310	A form that contains the sub-form is called:	A. Form B. Main form C. Report D. None of these
311	Another way to write the value 3452211903 is:	A. 3.452211903e09 B. 3.45221193e-09 C. 3.452211903×09 D. 3452211903e09
312	Which of the following is incorrect?	A. A function can call another function B. A function can be called many times in a program C. A function can return values input by the user D. A function must at least one variable parameter
313	Which of the following is a compiler directive?	A. #include<stdio.h> B. Using namespace std; C. main() D. All
314	The columns of a table correspond to:	A. Table B. Record C. Field D. Cell
315	_____ refers to a method of database distribution in which different portions of database reside at different nodes in the network.	A. Splitting B. Partitioning C. Replication D. Dividing
316	Microsoft access saves the database with the extension:	A. mdb B. msdb C. madb D. txt
317	Which of the following statements is NOT legal?	A. char ch='b'; B. char ch='0' C. char ch=65; D. char ch="cc"
318	In 3NF, a non key attribute must not depend on a	A. non key attribute B. key attribute C. composite key D. sort key
319	In 2NF, which form of dependency is removed ?	A. associative B. transitive C. partial D. functional
320	Views are also called:	A. Complex tables B. Simple tables C. Virtual tables D. Actual tables
321	Function prototypes for built-in functions are specified in	A. Source files B. Header files C. Object files D. Image files
322	The process of arranging data in a logical sequence is called:	A. Sorting B. Summerizing C. Data capturing D. Classifying
323	Which of the following statement is correct?	A. float num1;num2; B. int day,night; C. int continue=5.0; D. string black='white';
324	----- defines the nature of the relationship	A. cardinality B. entities C. modality D. none of these
325	Any thing about which you store information in the database is known as:	A. File B. Inherent C. Entity D. Relation
326	A type of function written by the programmer is known as:	A. User-defined B. Subprograms

326	A type of functions written by the programmer is known as:	C. Subroutines D. Built-in function
327	On successfully closing a file the f close () returns	A. Null B. 0 C. 1 D. File pointer
328	Which data type can be used to define a field that consists on only numbers to be used in calculations?	A. Text B. Memo C. Number D. Date/Time
329	A row of relation is called	A. attribute B. entity C. tuple D. both a & c
330	Which key is used to move form field to field in Table window of Datasheet view?	A. Tab B. Esc C. Enter D. Spacebar
331	Conditional operator takes _____ operands.	A. 3 B. 2 C. 1 D. 5
332	Computer program are also known as:	A. Hardware B. Software C. Firmware D. None
333	A functional dependency between two or more non-key attributes is called:	A. Partial functional dependency B. Partial non-key dependency C. Transitive dependency D. None
334	_____ is used to specify two different choices with "if" statement.	A. Switch B. Else C. If D. If-else
335	Which of the following is a decision making statement	A. break B. getch () C. if D. all
336	Which escape sequence can be used to beep from speaker in c:	A. \a B. \b C. \m D. \n
337	If for each entity in B there is only one related entity in A then the relationship between the entities is	A. One to one B. One to many C. Many to many D. None
338	The process data is called	A. data B. information C. processing D. none
339	The table in which is found is called Dependent Table.	A. Foreign Key B. Control key C. Primary key D. Sort Key
340	An integer variable can store the value:	A. -1.1 B. "123" C. 32898 D. 5.5
341	This statement may be used to stop a loop's current iteration and begin once:	A. Continue B. Break C. Terminate D. Next
342	Which of the following operations can be performed on data after the data has been captured and manipulated?	A. Storage and retrieval B. Communication C. Managing output result D. None
343	The forms are _____ end of our database in Microsoft Access.	A. Back B. Front C. Both A and B D. None

344	_____ refers to group of statements enclosed in opening and closing braces.	A. Control structure B. Compound statement C. Sequence structure D. Instruction
345	How many are basic layouts of forms in Microsoft Access?	A. 2 B. 3 C. 4 D. 5
346	Which is a loop statement?	A. If B. If-else C. Switch D. None of these
347	Which escape sequence is used to erase a character left to the cursor position?	A. \b B. \del C. \f D. \c
348	Which of the following header file contains information about common mathematical functions?	A. stdio.h B. math.h C. conio.h D. None of these
349	Which type of report lists every field for every record in a single column?	A. Tabular report B. Summary report C. Columnar reports D. All of these
350	The name of actual and formal parameters	A. May or may not be same B. Must be same C. Must be different D. Must be in lowercase
351	Which of the following is type of function available in C language?	A. User-defined B. Build-in C. Subprogram D. Both a and b
352	In if statement, false is represented by :	A. 0 B. 1 C. 2 D. 3
353	Which of the following is a valid format specifier	A. %10d B. %7.2f C. %-7f D. all
354	In which loop the condition comes after the body of the loop?	A. While loop B. Do-while loop C. For loop D. B and C
355	Which of the following key is used to to load a program in memory to run?	A. ALT+F9 B. CTRL+F9 C. CTRL+S D. ALT+F5
356	Conditional operator is an alternative of:	A. if B. if-else C. Nested if D. All
357	Which of the following is not a data type ?	A. text B. number C. picture D. date/time
358	The ----- translates the source program into the machine code or object code	A. compiler B. assembler C. interpreter D. all of them
359	The escape sequence for backslash is:	A. \ B. \b C. \\ D. \t
360	Semicolon is placed at the end of condition in:	A. While loop B. Do-while loop C. For loop D. All
361	A type of function that is available as part of language is known as:	A. User-defined function B. Library function C. Sun-program D. Both a and b

362	Customers,cars and parts are examples of:	A. Entities B. Attributes C. Cardinals D. Relationships
363	----- is the process of converting complex data structures into simple and stable data structures	A. database integrity B. homonyms C. normalization D. mutually exclusive data
364	Which data type is the default type?	A. Memo B. Number C. Text D. Autonumber
365	In a C program, two function can have:	A. Same name B. Same parameters C. Same name & Same parameters D. Same name but different parameters
366	Which of the following cannot be use in variables names?	A. numbers B. under score C. alphabets D. space
367	Which of the following language provided the basis for the development of c:	A. C++ B. B C. JAVA D. Pascal
368	Which of the following key does not hold uniqueness property ?	A. candidate key B. foreign key C. primary key D. Secondary key
369	The columns of a table correspond to	A. table B. record C. field D. cell
370	The first line of function definition is known as:	A. Function header B. Function body C. Arguments D. Return type
371	Which programming structure makes a comparison?	A. Relation B. Decision C. Sequence D. Repitition
372	A logical grouping of characters is a:	A. Field B. Record C. File D. All
373	Which of the following object is used to retrieve data from database and present in a formatted way ?	A. report B. form C. table D. query
374	In a for statement, this expression is executed only once:	A. Test B. Validation C. Initialization D. All
375	An if statement inside the true block of another if statement is called:	A. A nested if statement B. A branched if statement C. A conditional operator D. A relational operator
376	Which of the following represents the entities?	A. Teacher B. Student C. Aero plane D. All
377	When is while loop more appropriate then for loop?	A. The terminating condition occurs unexpectedly B. The body of loop will be executed at least once C. The program will be executed at least once D. The number times the loop will be executed is known before the loop executes

378	Global variable are created in:	A. RAM B. ROM C. Hard Disk D. Cache
379	The extension for a video file is:	A. .avi B. .mpg C. .txt D. a and b
380	A value that can be sent to a function is known as:	A. Return value B. Indicator C. Argument D. Automatic variable
381	Which of the following is used to define objects and describe their characteristics	A. Attributes B. Relationship C. Both a & b D. None of them
382	Multiple arguments to a function are separated by:	A. Comments B. Semicolons C. Colons D. Commas
383	Computer programs are also known as:	A. Software B. Procedure C. Hardware D. Algorithm
384	Which is used to display yes/no values:	A. Check box B. Option buttons C. Both a & b D. None of these
385	Which of the following functions is used to read character from a file?	A. getch() B. putc() C. fputs() D. fgets()
386	Which of the following object of database is used to retrieve data from database ?	A. queries B. forms C. parts D. tables
387	In an E-R diagram, a rectangle represents:	A. Entity B. Attributes C. Relationship D. None
388	Which of the following is NOT legal element of control string in printf statement?	A. Ordinary characters B. Escape sequence C. Format specifier D. Variables
389	A table most has	A. primary key B. secondary key C. composite key D. sort key
390	A collection of raw facts and figures is called:	A. Data B. Information C. Operation D. Processing
391	The foreign key is found in:	A. Parent table B. Dependent table C. Pivot table D. Index table
392	On successfully closing a file, the fclose() returns?	A. Null B. 0 C. 1 D. File pointer
393	getch() stands for:	A. Go character B. Get character C. Give character D. All
394	Which rule states that a record from a table cannot be deleted if its associated record exists in related table?	A. Referential integrity B. Entity relationship C. Normalization D. All
395	A table should have :	A. Primary key B. Secondary key C. Composite key D. Sort key

396	What is the function of a Form in MS Access?	A. View one record at a time B. Add new data C. Change existing data D. All
397	A person's account, car and house are considered:	A. Object B. Table C. Record D. Field
398	Stdio stands for:	A. Standard input output B. Symbolicinput output C. Simpleinput output D. Stringinput output
399	A file is stored in?	A. RAM B. Hard Disk C. ROM D. Catche
400	_____ contains icon button that are shortcuts to the commands in the menu	A. Menu bar B. Tool bars C. Scroll bar D. Status bar
401	SQL is a(n):	A. Unstructured language B. Structured language C. Object oriented language D. Software
402	_____ is a functional dependency in a relation between two or more non-key attributes	A. Transitive dependency B. Partial dependency C. Repeating groups D. None of these
403	A database is an organized collection of ----- related data	A. logically B. physically C. loosely D. badly
404	The keyword 'break' cannot be used within:	A. Do-while B. If-else C. For D. While
405	Two or more attributes with different name but same meaning create a problem:	A. Homonyms B. Synonyms C. Aliases D. Alternate attributes
406	break keyword is used in	A. If statement B. If-use C. Else-if D. None of the above
407	A form with in another form is called:	A. Sub-form B. Main form C. Multi-form D. None
408	Which of the following can be used as flag value	A. + B. # C. - D. all
409	Local variables are also called:	A. Automatic variables B. Normal variables C. Global variables D. Basic variables
410	Which of the following is used to create and modify a form?	A. Form view B. Table design view C. Form design view D. New Form view
411	Which of the following database object is used to retrieve data form database ?	A. Queries B. Forms C. Reports D. Tables
412	Relational operators are used to	A. Establish a relationship among variables B. Compare two values C. Construct compound condition D. Performs arithmetic operators
		A. Table B. Row

413	An attribute is also known as a:	B. Field C. Relation D. Field
414	The first line in switch block contains:	A. The value of the first criterion B. The expression to be evaluated C. The statement to be executed if none of the criteria are true D. The statement to be executed if the criterion are true
415	The C statements are normally written in ----- letters	A. lower-case B. key words C. upper-case D. a or c
416	The case block ends with:	A. End Select B. End case C. Break D. Case else
417	Which of the following is NOT included in the definition of an entity?	A. Person B. Object C. Concept D. Action
418	Which of the following is used to display yes/no values?	A. Checkbox B. Option button C. Both a and b D. None of these
419	The views are used :	A. To hide columns B. To hide rows C. To hide complex SQL statements D. All of the above
420	A relation is also known as	A. Table B. Tuple C. Relationship D. Attribute
421	The functions that are defined by programmer are called:	A. User-defined B. Subprograms C. Subroutines D. Built-in functions
422	A printed data or information in the database is called	A. Entity B. Report C. Query D. Screen
423	A memory location with some data can be changed is called:	A. Constant B. Variable C. Named constant D. Address
424	C language has ----- key words	A. 50 B. 45 C. 32 D. 27
425	Which data type can be used to create a sequential number for each record that can also serve as primary key?	A. Number B. Memo C. AutoNumber D. Currency
426	Variable and constant names can not contain a(n):	A. Number B. Underscore C. Upper case letter D. Lower case letter
427	Object used to retrieve data from database is called:	A. Forms B. Repons C. Queries D. Tables
428	The name of header file is written between:	A. [] B. () C. < > D. << >>
429	Query is a statement in the SQ that extracts specific:	A. Information B. File C. Application D. Wizard
430	A collection of related fields is called:	A. Character B. Record C. Database D. ...

		D. file
431	Which of the following is true about a function call?	A. Stops the execution of the program B. Transfer control to the called function C. Transfer control to the main function D. Resumes the execution of the function
432	The extension of the header file is:	A. .CPP B. .txt C. .c D. .h
433	Which of the following symbol is used to denote a pre-processor statement?	A. % B. \$ C. # D. @
434	The case block ends with:	A. End select B. End case C. Break; D. Case else
435	We can make two way decisions with the help of	A. if B. nested C. if-else D. all
436	Which of the following is a valid character constant?	A. a B. "Hello" C. '6' D. =
437	Question Image <input type="text"/>	A. mandatory B. optional C. may be many D. none of these
438	Which view can be used to enter or modify data in the underlying table?	A. Form view B. Table design view C. Form design view D. New Form view
439	A build-in function:	A. Cannot be redefine B. Can be redefined C. Cannot return a value D. Should be redefined
440	What is the default field size of a text data type field?	A. 2 B. 5 C. 20 D. 50
441	Types of translators are:	A. Compiler B. Interpreter C. Assembler D. All of these
442	Which object is used to retrieve data from database and present in formatted way?	A. Report B. Form C. Table D. Query
443	Which of the following activities are involved in data analysis?	A. Data flow diagram B. Decision Tables C. Decision Trees D. All
444	Errors in a computer program are also called _____	A. Mistakes B. Bugs C. Syntax D. Wrongs
445	The process of changing of source code into object code is called:	A. Compiling B. Executing C. Linking D. Saving
446	Different attributes in two different tables having same name are called:	A. Synonym B. Homonym C. Acronym D. Mutually exclusive
447	Memory is allocated to a local variable at the time of the :	A. Declaration B. Destruction C. Definition D. First reference

448	Which one displays the result of a query?	A. File B. Field C. Access D. Reports
449	Which format property displays text in uppercase?	A. Greater than sign B. Less than sign C. TEXT D. Upper
450	Which header file contains information about standard input/output function?	A. <code>stdio.h</code> B. <code>math.h</code> C. Both A and B D. None
451	Any array script should be:	A. Int B. Float C. Double D. Array
452	When displaying a sub-form with in a main form, which form is based on the primary table?	A. Neither main form nor sub-form B. The sub-form C. The main form D. Both the main form and the sub-form
453	How many types of loop structure are available in C language?	A. While B. Do-while C. For D. All
454	An disadvantage of partitioning is:	A. Complexity B. Extra space and update time C. Inconsistent access speed D. All
455	_____ are used to move around the window if its contents do not fit on screen	A. menu bar B. Tool bar C. Scroll bar D. Status bar
456	Which loop structure always executes at least once?	A. Do-while B. For C. While D. All
457	The _____ errors in a program are most difficult to locate and remove	A. Logical B. Syntax C. Grammatical D. Spelling
458	What is the final value of x after executing the following code: For (int x=0; x<10; X++)	A. 10 B. 9 C. 0 D. 1
459	A process of assigning initial value to a variable at the time of declaration is called:	A. Assigning B. Initializing C. Naming D. setting
460	The number of characters in fixed-length field is:	A. Constant B. Variable C. 10 D. 100
461	The output of the query is in the form of a :	A. Table B. Form C. Report D. Query
462	Organizing the database in computer disk storage is done in	A. Logical design B. Physical design C. Analysis D. Implementation
463	Which file is used to store information that remains constant for a long time?	A. Master file B. Transaction file C. Backup file D. None
464	A record is a ----- in table	A. row B. field C. table D. data
465	----- is a collection of records.	A. Record B. Field

465	A database containing all students in a class would store basic data of students in:	C. Cell D. File
466	The exponential notation consists of:	A. Mantissa B. Exponent C. Range D. A and B
467	Which of the following may be a temporary file?	A. master File B. transaction file C. back up file D. none of these
468	In hybrid distribution, what types of fragments are stored at only one site?	A. Critical fragments B. Non-critical fragments C. Critical and non-critical fragments D. Only large fragments
469	DBA Stands for	A. Database application B. Database accumulator C. Database administrator D. Database administration
470	Which of the following loop is available in C language?	A. While B. Do-while C. For D. All
471	The name cannot exceed characters in length	A. 64 B. 50 C. 56 D. 70
472	Which view is used to add, edit or delete records form a table?	A. Record view B. Datasheet view C. Design view D. Edit view
473	Dummy question 2	A. a B. 2 C. b D. f
474	An array subscript should be	A. Int B. Float C. Double D. An array
475	Data type int contain bytes:	A. 10 B. 4 C. 2 D. 1
476	The logical not operator denoted by is	A. Ternary operator B. Unary operator C. a=a+b D. b=b+a
477	Which is NOT a valid statement to initialize a variable?	A. int n=100; B. long,population=15000; C. char n []="hello World"; D. cons int N=100;
478	A person's name, birthday and social security number are examples of:	A. Attributes B. Entities C. Relationships D. Descriptors
479	All of the following are components of physical database design EXCEPT:	A. Data volume and usage anylisis B. Data distribution strategy C. File organization D. Normalize the relations
480	A loop with in a loop is called:	A. Nested loop B. Complex loop C. Infinite loop D. Dual loop
481	Which of the following is NOT displayed in Design view?	A. The data type of each field B. The components of each filed C. The properties of the selected field D. The field names
482	Header file in C contain:	A. Compiler commands B. Library functions C. Header information of C programs D. Operations for files

483	Key is used in	A. If statement B. Else if statement C. Switch statement D. All of the above
484	A counter can be defined as:	A. The final value of a loop B. A variable that counts loop iterations C. The initial value of a loop D. The step value of a loop E.
485	The statement printf ("%10d",n) will display the value of n:	A. Right justified in ten-character space B. Left justified in ten-character space C. Center-justified in ten-character space D. None of these
486	Which of the following are valid variable names?	A. Long B. Integer C. Notlongenough D. Both B and C
487	Which of the following key is used to save a file?	A. F2 B. F3 C. F5 D. F9
488	Conditional operator takes:	A. Three operands B. Two operands C. One operands D. Many operands
489	A disadvantages of partitioning is	A. Simplicity B. Extra space and update time C. Both a & b D. None of them
490	Which of the following functions is used to write a string to a file?	A. puts() B. putc() C. fputs() D. fgets()
491	Variables are created in	A. Ram B. Rom C. Hard disk D. Cache
492	A constraint that no primary key should contain nulls is known as:	A. Normalization B. Dependence C. Entity integrity D. SQL query
493	A loop whose execute never ends is called	A. Nested loop B. Forever loop C. Infinite loop D. Counter loop
494	The operators to compare operands and decide if the relation is true or false are:	A. Arithmetic operators B. Logical operators C. Syntax operators D. Relational operators
495	Which escape sequence can move the cursor at the beginning of current line	A. \a B. \b C. \t D. \n
496	SQL is	A. structure query language B. unstructured language C. object oriented language D. SAM query language
497	The expression may be:	A. Contant B. Arithmetic expression C. String D. All
498	How many table views are available in Microsoft Access?	A. 4 B. 3 C. 2 D. 1
499	This loop is a good choice when you know how many times you want the loop to iterate in advance of entering the loop.	A. While B. Do-while C. For D. Do-until

	advance or entering the loop?	C. For D. Nested
500	A report that provides a column for each field of the records in rows under the column header is known as:	A. Tabular report B. Columnar report C. Datasheet report D. Justified report
501	Which operator in C is called a ternary operator?	A. if B. ++ C. ? D. ()
502	A relation is analogous to a	A. File B. Field C. Record D. Row
503	Which term describes the kind of values that a variable can store?	A. Variable name B. Datatype C. Variabletype D. Variablesize
504	In relational data base, a table is also called:	A. Tuple B. Relation C. File D. Schema
505	Find and Replace command is found in:	A. Edit menu B. File menu C. Tool D. View menu
506	A report is a complete set of _____ field:	A. Distinct B. Related C. Designed D. All
507	How many times is the test expression of a switch statement evaluated?	A. 0 B. 1 C. 2 D. Once for each case
508	Which of the following are objects in an MS Access database?	A. Tables, forms, queries, and reports B. Database, Datasheet, And forms views C. Folders and Tools D. All of these
509	What is the term for a characteristic or attribute of an object that determines how the object looks and behaves?	A. Color B. Property C. Size D. Orientation
510	The number of characters in variable field is:	A. Constant B. Variable C. 10 D. 100
511	Where should be the loop control variable initialized?	A. Before the loop starts B. In the first statement of the loop body C. In the last statement of the loop body D. Anywhere in the loop body
512	The type of files from usage point of view include:	A. Master file B. Transaction file C. Backup file D. All
513	----- are written before the main () function	A. C statements B. preprocessor directives C. linking instructions D. both a and b
514	The number of bytes used by int data type in C is:	A. 2 B. 8 C. 12 D. 16
515	SQL is used for:	A. Data definition B. Data manipulator C. Data control D. All
516	The primary objective of the Entity-Relationship diagram is to represent:	A. Entities B. Relationship C. Association D. All of these

D. All of these

517	The type of expression $x > y$ is	A. arithmetic B. logical C. relational D. conditional
518	Which of the following key is used to compile a program:	A. ALT+F9 B. CTRL+F9 C. CTRL+S D. ALT+F5
519	A report may be based on a :	A. Table B. Query C. Both a and b D. None
520	Which of the following is suitable for an input mask?	A. Social security number B. Telephone number C. A date D. All
521	Microsoft Access saves the database with extension	A. mdb B. msdb C. madb D. none of them
522	Optional is represented by	A. 0 B. 1 C. 2 D. none of these
523	Which data type offers the highest precision?	A. Float B. Long int C. Long double D. Unsigned long int
524	_____ function is used to copy a string to an array of characters	A. fputs() B. strcpy C. fgets D. gets()
525	The function getch() is defined in:	A. stdio.h B. conio.h C. string.h D. math.h
526	the integer, long and short data types are known as:	A. Integer data types B. Non-integral data types C. float data types D. Non-numeric data types
527	C was developed in the year:	A. 1970 B. 1972 C. 1976 D. 1995
528	A constraint between two attributes is called:	A. Functional relation B. Attribute dependency C. Functional dependency D. Functional relation constraint
529	What symbol indicates that you are editing a record?	A. Pencil B. Black arrow C. Key D. Asterisk
530	How many are layout of report?	A. 2 B. 3 C. 4 D. 5
531	Which of the following set (s) of tables would benefit from a sub form	A. A customer table and the customer order table B. A customer table and product table C. A customer table and foreign currency table D. A customer table and a customer contact table
532	Which of the following steps takes place when function is called:	A. The control moves to the function that is called B. All statements in the function body are executed C. The control returns back to the calling function D. All of these
		A. Tools B. ...

533	A data base consists of various components called:	B. Properties C. Entities D. Objects
534	Which of the following mode open only an existing file for both reading and writing	A. "W" B. "W+" C. "r+" D. "a+"
535	The function definition consists of:	A. Function header or function declaration B. Function body C. Both a and b D. None
536	Preprocessor directives are command for:	A. Microprocessor B. Language processor C. C Preprocessor D. Loader
537	Redundancy means	A. Duplication B. No-duplication C. Standards D. Microsoft office integration
538	Which of the following is an example of a database?	A. Library management system B. Accounts & inventory system C. College management system D. All
539	Organizing the database in computer disk storage is done in:	A. Logical design B. Physical design C. Analysis D. Implimentation
540	Which of the following is New record button in MS Access?	A. * B. \$ C. # D.
541	Which of the following is also known as data set?	A. Record B. Field C. File D. Module
542	The process of linking library files with object code is known as:	A. Compiling B. Executing C. Linking D. Saving
543	Which is a valid statement for declaring a variable?	A. int marks; B. int a,b,c; C. Double salary; D. All
544	A special value that marks the end of a list of input data is called:	A. Terminal value B. Sentinel Value C. Loop control value D. Input value
545	A _____ contains an object that stores VBA code	A. Macro B. Module C. Forms D. Reports
546	Microsoft Access saves the database file with the extension:	A. .mdb B. .msdb C. .madb D. None of these
547	A two-dimensional table of data is called:	A. Group B. Set C. Module D. Relation
548	The format specifier % d is used for	A. Int B. Unsigned short C. Unsigned float D. Unsigned long int
549	Which of the following type of file require largest processing time?	A. Sequential file B. Random file C. Indexed sequential file D. Direct access file
550	A IDE typically consists of:	A. Text editor B. Compiler C. Debugger D. All

551	Which of the following is a loop statement?	A. If B. If-else C. Switch D. None
552	The goal of normalization is to:	A. Get stable data structure B. Increase number of relation C. Increase redundancy D. Remove constraints
553	DBMS stands for	A. Database management system B. Database mechanism system C. Database manipulating system D. Database;Microsoft system
554	An entity related to itself in an ERD model refers to :	A. Recursive relationship B. One-to-many relationship C. Many-to-many relationship D. One-to-one relationship
555	The conditional part of if statement consists of expression	A. arithmetic B. logical expression C. relational D. both b and c
556	In relational database, table is also called:	A. Table B. Relation C. File D. Schema
557	Which of the following is NOT suitable for an input mask?	A. Street address B. Telephone number C. A date D. Social security number
558	In if statement , true is represented by:	A. 0 B. 1 C. 2 D. 3
559	A field's width indicates:	A. Number of characters it can contain B. Number of inches it takes on the screen C. Number of pixels it takes on screen D. Number of characters visible to the users
560	Which of the following is not a good primary key	A. Social security number B. Order number C. Zip code D. STD ID number
561	The number of bytes used by 'int' data type in C are:	A. 2 B. 8 C. 12 D. 16
562	The loop structure in which condition comes after the body of the loop is	A. While B. Do-while C. For D. All
563	An advantages of partitioning is	A. Efficiency B. Extra space and update time C. Both a & b D. None of them
564	A loop within another loop is called	A. Inner loop B. Nested loop C. Counter loop D. None
565	A set of related created and managed by a (DBMS) is called:	A. Field B. Record C. Database D. Module
566	A database containing all students in a class would store the information of individual students in:	A. Record B. Field C. Cell D. File
567	All of the following are form layouts EXCEPT?	A. Tabular B. Columnar C. Jutified

D. Relationship

568	A for statement contains three expressions: Initialization, test and:	A. Assignment B. Validation C. Increment / decrement D. All
569	In 3NF which form of dependency is removed ?	A. functional B. non-functional C. associative D. transitive
570	In 3NF, a non-key attribute must not depend on a :	A. Non-key attribute B. Key attribute C. Composite key D. Sort key
571	If we want a user to enter exactly 20 values, which loop would be the best to use?	A. While B. Do-while C. For D. Infinite
572	Which field type can be indexed?	A. Memo B. Number C. Hyperlink D. OLE
573	SQL is used for	A. data definition B. data manipulation C. a and b D. searching record
574	A relation is in 2NF if it is in 1NF and all its non-key attributes are:	A. Dependent on part of the primary key B. Dependent on the entire primary key C. Independent on the primary key D. Independent of any other relation
575	Which escape sequence can be used to begin a new line in C-language?	A. \a B. <div>\b</div> C. <div>\n</div> D. \n
576	which of the following functions is used to write character to a file?	A. putc() B. putch() C. fputs() D. fgets()
577	A factor to consider when choosing a file organization is:	A. Fast retrieval B. Security C. Efficient storage D. All
578	The data type can handle decimal places is:	A. Long B. float C. char D. string
579	Which of the following is NOT a valid function declaration?	A. int ave3(int a, int b, int c) B. int 3ave(int a, int b, int c) C. int ave3(int, int, int) D. int ave_3(int a1, int b2, int c3)
580	% f is used for	A. Double B. Float C. Integer D. Short
581	Which of the following is not an example of high-level language	A. Fortan B. Basic C. Assembly D. C
582	An attribute is also known as	A. table B. elation C. row D. field
583	The expression in define directive:	A. Can only be changed at the end of the program B. Cannot be changed but can be redefined C. Cannot be assigned a value D. Cannot be changed
		A. Improve the performance of the database B. Document the structure of the

584	An index can be used to :	database C. Reduce data dependency for application programs D. All
585	Function declaration consists of:	A. Function name B. Function return type C. Number and types of parameters D. All of these
586	Which data type is used to define a field that contains Web address as its context?	A. Hyperlink B. OLE object C. Lookup Wizard D. AutoNumber
587	Which file contains the program after translation into machine language?	A. Object file B. Exe file C. Source file D. None
588	The 1NF describes the tabular format in which:	A. All the key attributes are defined B. No repeating groups in the table C. All attributes are dependent on primary key D. All
589	C was designed to write program for:	A. Windows operating system B. Solaris Operating system C. Unix Operating system D. OS/2 Operating system
590	stdio.h is part of:	A. Comment section B. C standard library C. Compiler D. Main function
591	Which of the following is used to retrieve data from database and represent it to the user in a formatted way?	A. Report B. Form C. Query D. Table
592	What does a compound condition use to join two condition?	A. Relational operator B. Logical operator C. Relational Results D. Logical results
593	Which of the following is basic data distribution strategy?	A. Centralized B. Partitioned C. Replication D. All
594	Another term for a conditional operator is:	A. Ternary B. Binary C. Byte D. Iteration
595	A person, place, thing or event about which data is kept in the database is called:	A. Attribute B. Field C. Record D. Entity
596	If n=3, what will be the value of n after executing the following code? do n*=2 while (n<48);	A. 24 B. 32 C. 48 D. 96
597	Which statement is used to move the control to the start of loop body?	A. Continue B. Break C. Switch D. Goto
598	Format specifier is started with:	A. '? B. & C. % D. None
599	In Access, the structure of a table is created in ----- view	A. design view B. data sheet view C. a and b D. none of them
600	How many types of relationship are there?	A. 2 B. 3 C. 4 D. 5

A. Each row is unique

601	Which of the following is NOT a characteristic of relation?	B. The order of columns is significant C. The order of rows is insignificant D. Columns are all elemental or atomic
602	How many types of data	A. 2 B. 3 C. 4 D. 5
603	The relationship can be:	A. One-to-one B. One-to-many C. Many-to-many D. All
604	%f is used for:	A. Double B. Float C. Integer D. Short
605	Which does not improve data entry?	A. Input masks B. Validation rules C. Indexing D. Required fields
606	Which form of dependency is removed in 3NF?	A. Functional B. Non-functional C. Associative D. Transitive
607	Which programming structure makes a comparison?	A. Relation B. Decision C. Sequence D. Repetition
608	Which of the following data type is used to store string value:	A. char B. float C. string D. long
609	Insert command is used to insert:	A. New table B. New record C. View D. Dependences
610	Which of the following format specifiers is used for integer data type?	A. %d B. %s C. %c D. %f
611	In relational database a table is also called a:	A. Tuple B. Relation C. File D. Schema
612	Each separate piece of information stored in a record is called:	A. Table B. Record C. Field D. Query
613	Which of the following data model is more flexible?	A. network model B. hierarchical model C. index sequential file D. direct access file
614	This means to increase a value by one:	A. Modulus B. Increment C. Decrement D. Inc
615	Which of the following anomalies result from a transitive dependency ?	A. Insertion B. Modification C. Deletion D. All
616	If x=10 and y=5,, what will the output of the following expression? x>y? x*y: x+y	A. 5 B. 10 C. 15 D. 50
617	The format specifier %u is used for:	A. Integer B. Unsigned short C. Unsigned float D. Unsigned long int
618	The extension of object file is:	A. .c B. .txt C. .obj D. .h

619	Assembly language is usually used for _____ writing	A. System software B. Application program C. Firmware D. A and C
620	The function clrscr () is defined in	A. stdio.h B. math.h C. conio.h D. graphic.h
621	Which form of dependency is removed in 2NF?	A. Functional B. Transitive C. Associative D. Partial
622	Which format specifier is used for integer data type?	A. %d B. %c C. %s D. %f
623	Dummy question	A. 1 B. 2 C. 3 D. 4
624	A \t is used for:	A. New line B. Tab C. Back space D. None of these
625	A database consists of various components called the	A. tool B. properties C. entities D. object
626	Which object is used to store data and define structure for the data in a database?	A. Table B. Macro C. Form D. Query
627	One execution of a loop is known as a(n):	A. Cycle B. Duration C. Iteration D. Test
628	conio stands for :	A. Character input output B. Consoleinput output C. Commoninput output D. Complexinput output
629	A candidate key is	A. Primary key B. The primary key selected to be the key of relation C. A group attribute that can be the primary key D. All of them
630	----- is a constraint on primary values that states that no attribute of a primary key should contain nulls	A. referential integrity B. entity integrity C. normalization D. acronyms
631	Function define can be written:	A. Before main() function B. After main() function C. in a separate file D. All of these
632	The columns of a table correspond to:	A. Table B. Record C. Field D. Cell
633	A row of a relation is called:	A. Attribute B. Entity C. Tuple D. a and c
634	Relational operators allow you to _____ numbers.	A. Compare B. Add C. Multiply D. Divide
635	a+=b is equivalent to	A. a+=b B. a=+b C. a=a+b D. b=b+a

A. A logical representation of the

636	A data model is :	<p>structure of the database</p> <p>B. Shown as an entity-relationship diagram</p> <p>C. Transformed into tables and relationships</p> <p>D. All</p>
637	Why are validation rules used in a database?	<p>A. Ensure correct data is entered</p> <p>B. To avoid typing errors</p> <p>C. Both A and B</p> <p>D. Neither A nor B</p>
638	A _____ is used to perform the same sequence of steps or automating tasks repeatedly	<p>A. Macro</p> <p>B. Module</p> <p>C. Forms</p> <p>D. Reports</p>
639	A field is to a record as:	<p>A. Data are to files</p> <p>B. A column is to a row</p> <p>C. Files are to tables</p> <p>D. Attributes are to columns</p>
640	Field properties are shown in :	<p>A. Design view</p> <p>B. Datasheet view</p> <p>C. A and B</p> <p>D. None</p>
641	The extension of C source program is:	<p>A. .h</p> <p>B. .c</p> <p>C. .obj</p> <p>D. .exe</p>
642	Field properties determine:	<p>A. Field size</p> <p>B. Input mask</p> <p>C. Default value</p> <p>D. All</p>
643	How many form layouts are provided by MS Access?	<p>A. 2</p> <p>B. 4</p> <p>C. 6</p> <p>D. 8</p>
644	When a relational expression is false, it has the value _____	<p>A. 0</p> <p>B. 1</p> <p>C. &lt;0</p> <p>D. S</p>
645	Print() function can show	<p>A. Text</p> <p>B. Value of variable</p> <p>C. Constants</p> <p>D. All</p>
646	Which of the following are basic data distribution strategies	<p>A. Centralized</p> <p>B. Partitioned</p> <p>C. Replication</p> <p>D. All of them</p>
647	The loop which never ends is called:	<p>A. Infinite loop</p> <p>B. Running loop</p> <p>C. Continuous loop</p> <p>D. Nested loop</p>
648	An index may be created on:	<p>A. Primary key</p> <p>B. Secondary key</p> <p>C. Foreign key</p> <p>D. All</p>
649	Switch statement is an alternative of:	<p>A. if</p> <p>B. if-else</p> <p>C. Nested if</p> <p>D. Nested if-else</p>
650	The entity integrity rule states that:	<p>A. No primary key attribute can be null</p> <p>B. Each entity must have a primary key</p> <p>C. Primary key must have only one attribute</p> <p>D. None</p>
651	Which of the following function is used to input data in C programs?	<p>A. Scanf</p> <p>B. Printf</p> <p>C. Get()</p> <p>D. getch()</p>
652	A label is meaningful only for	<p>A. for</p> <p>B. while</p> <p>C. goto</p> <p>D. all</p>

653	From the following which is called control statement	A. If B. If-else C. Else-if D. All of the above
654	C is ----- level language	A. high B. medium C. low D. a and b
655	The format specifier for output are:	A. %d for int and %f for float B. %c for char C. %s for string D. All
656	Which of the following is used for making two way decision:	A. if-else B. If C. Nested if D. Switch
657	Which data type can be used to define a field that contains data content such as a chart, picture, or graphic object?	A. Hyperlink B. OLE object C. Memo D. Auto number
658	The ".exe" file is produced by:	A. Linker B. Loader C. Compiler D. Interpreter
659	The maximum numbers of tables in a database can be:	A. 1 B. 2 C. 3 D. Any
660	A request for information from a database in database terminology is called	A. Report B. Letter C. Table D. Query