

## GAT Subject Computer Science Online MCQs

Sr	Questions	Answers Choice
1	The part of the computer system which performs the house keeping functions is called.	A. Interpreter B. Compiler C. Operating system D. Assembler
2	Arranging classified data in a predetermined sequence to facilitate processing is called.	A. Storing B. Sorting C. Processing D. Classifying
3	Picture that represent files, folders, and disks are called.	A. Windows B. Menu C. Icons D. GUIs
4	_____ is are the most powerful computers.	A. Super minis B. Supere micros C. Super mainframe D. Super computers
5	Which of the following access methods listens to the cable for network traffic before sending data?	A. Token passing B. Polling C. CSMA/CA D. CSMA/CD
6	"Hot Spots" that respond to mouse clicks in a Hyper Card stack are called.	A. Buttons B. Fields C. Links D. Cards
7	Language was developed in	A. 1945 B. 1956 C. 1972 D. 1977
8	What is MICR?	A. Magic in Character Redo B. Magnetic ink character C. Magnetic ink character Reader D. None of these
9	Which of the following components is the "brain" of the computer	A. Memory B. CPU C. Input D. Output
10	The problem of protecting the privacy in computer system is aggravated by the increased use of.	A. Command line user interfaces B. Workstations C. New CPU hardware D. Networks
11	A computer based system in which a telephone message is recorded in digital form and then forwarded to other is.	A. A teleconferencing B. Voice mail C. A bulletin board D. Telecommuting
12	Type of language processors are.	A. 2 B. 3 C. 4 D. 8
13	A data base files is a collection of which of.	A. Cells B. Records C. Keys D. Name and address
14	A temporary lincup of print requests waiting to be printed on a printer.	A. Print request B. Print queue C. Print Waiting D. None of the abvoe
15	The Media Access Control sublayer resides in which OSI layer?	A. Physical B. Data link C. Net work D. Transport

16	Which of the following is not hardware.	A. Meganetic tap B. Printer C. Assembler D. VDU Terminal
17	Which of the following is true about macros?	A. Macros are essential for word processing B. Macros are most useful for creative rather than repetitive tasks C. Macros can reduce the likelihood of errors D. Macros are a specialized form of simulation
18	A computer programmer	A. Enters data into computer B. Does total planning and thinking for a computer C. Changes flow charts into instructions D. Provide solutions to compled problems.
19	Digital sound in a multimedia production can come from.	A. A standard audio compact disc in a CD-Rom drive controlled by computer B. Data in the computer's memory C. A synthesizer controlled by a computer D. All of the above
20	Which of the following cannot be entered into a typical spreadsheet cell.	A. A formula B. A numeric value C. Graphics D. All of the above are legal
21	While the details of the querying process vary, this is consistant from database program to database program.	A. Software applications B. Documentation C. Underlying logic D. User interface
22	In the preliminary design phase, the analyst may prepare alternative.	A. Candidates B. Organization charts C. Questionnaires D. Decision tables
23	Popular object -oriented languages.	A. Pascal, Modul 3 B. C++ , Smalltalk C. LOGO, PRO LOGO D. COBOL + BASIC
24	Data and stored instructions in a digital computer consists of .	A. Numerals B. Alphabets C. Characters D. Bits
25	A fast and accurate electronic data manipulation system that can accept and store data, process it, and provide output results as per the instructions of stored progrm is called.	A. Calculator B. Manipulator C. Information machine D. Computer
26	A network type in which all computers have equal status.	A. Communication links B. peer to peer C. WAN D. direct connect
27	Function used to print the output of a program is	A. Get ( ) B. Print f ( ) C. Print ( ) D. Scan f ( )
28	_____ are programs which are written to cause computers to function in a desired way.	A. Hardware B. Instruction C. Software D. Sorting
29	Smallest unit of memory is	A. Byte B. Bits C. Character D. Word
30	What is pioneer in the field of computer languages who played an important role in the development of COBOL.	A. Grace M. Hopper B. Howard H. Aiken C. John Von Neumann D. Thomas J. Watson
31	Take turn time- sharing.	A. Spooling B. Interfacing C. Round (d) robin scheduling

		C. Screen (or) Screen scanning D. Prompting.
32	An organized collection of information, stored on a disk, like a word processed letter or a program, is referred to as an	A. Address B. Record C. File D. Kilobyte
33	Centralized processing but with access from terminals is known as.	A. DDP B. A ring network C. Telecommuting D. A teleprocessing system.
34	An automated factory is more efficient than a traditional factory because.	A. Integration of planning and manufacturing is tighter B. Materials and machines spend less time sitting idle C. Wast in facilities, raw material and labor is reduced D. All of the above
35	A dot or symbol on a line graph.	A. Label B. Variable C. axis D. data point
36	The result of a formula in a cell	A. Label B. range C. Value D. Displayed value
37	Binary coded decimal numbers express each decimal digit as .	A. Binary digits B. Nibble C. Word D. Byte
38	The evolution of computer software can be summarized as the following sequence of developments	A. Natural language, algorithm and electronic mail B. Algorithm natural language and programming language C. Machine language, assembly language, and high level language D. Instructions , assembly language and MS work
39	The set of choice on the screen is called an	A. Menu B. Editor C. Reverse video D. Template
40	The binary information contained in a computer is referred to as.	A. Hard ware B. Memory C. Program D. Instruction
41	When a database stores procedures or instructions along with data, rather than in table sor hierarchies, it is called.	A. Query format B. Graphical user interface C. User friendly D. Object oriented
42	When the control unit directs the ALU to perform an operation on the data, the machine cycle is involved in the.	A. First steps B. Third steps C. Second steps D. Fourth steps
43	An advantage to having a distributed database system over having a centralized one is that.	A. Consistency is easy to maintain B. It can adjust to differences in user needs C. All data is entered in standard formals D. It is easier to achieve data accuracy
44	The main advantage of computer assisted instruction (CAI) is	A. It's inexpensive B. It can replace out of date textbooks C. It exposes students todifferentuser interfaces D. It allow individuals to learn at their own pace
45	The accuracy of analog computers as compared to digital computer is.,	A. Nearly same B. Less C. Upredictable D. More
46	the abacus emerged about _____ years ago in Asia Minor.	A. 4,000 B. 5,000 C. 6,000 D. 7,000

		D. 7,000
47	Electronic sweatshope	<p>A. Are increasingly located across nadonal border</p> <p>B. May soon decline in number because of improvements in automated input technology</p> <p>C. Both a and b</p> <p>D. Neither a nor b</p>
48	The use of computer for business applications in attractive because of its.	<p>A. Accuracy</p> <p>B. Reliability</p> <p>C. Speed</p> <p>D. All of the above</p>
49	_____ is an external example of hardware.	<p>A. Monitor</p> <p>B. Sound card</p> <p>C. Modem</p> <p>D. None of these</p>
50	A group of electronic , magnetic, or mechanical devices that store data is called.	<p>A. Register</p> <p>B. Address</p> <p>C. Program</p> <p>D. Software</p>
51	FORTRAN is an acronym for	<p>A. Formula translator</p> <p>B. Formula transducer</p> <p>C. For translating high level language</p> <p>D. both a and b</p>
52	A letter, number, or a special character is represented by a	<p>A. bit</p> <p>B. kilobyte</p> <p>C. Megabyte</p> <p>D. byte</p>
53	Hollerith's Tabulating Machine Company eventually became _____	<p>A. IBM</p> <p>B. AT 7 T</p> <p>C. APPLE</p> <p>D. General Electric</p>
54	According to Alan Kay of Apple Computer, what is the best way to predict the future.	<p>A. Invent it</p> <p>B. Look at the major research tabs.</p> <p>C. Project current trends into the future.</p> <p>D. Figure out what made past products successful.</p>
55	Four digit binary number 1011 is represented in the decimal system by.	<p>A. 11</p> <p>B. 9</p> <p>C. 13</p> <p>D. 7</p>
56	A systems analyst would observe the flow of data and interrelations of people with in an organization during.	<p>A. Detail design</p> <p>B. Preliminary design</p> <p>C. System analysis</p> <p>D. A system survey</p>
57	Memory is devided into many numerically addressed.	<p>A. Logic</p> <p>B. Location</p> <p>C. Codes</p> <p>D. cell</p>
58	According to the FBI, the average computer crime is worth.	<p>A. About the same as a car theft</p> <p>B. Left than most other crime because information is free</p> <p>C. For more than most other crime</p> <p>D. the FBI doesn't know because computer crime to a relatively new type of crime.</p>
59	Which of the following is the example of sequential circuit	<p>A. flip-flop</p> <p>B. Counter</p> <p>C. Shift register</p> <p>D. Accumulator</p>
60	The major disadvantage of pipelining is	<p>A. Initial se up time</p> <p>B. If a branch instruction is encountered the pipe has to be flushed</p> <p>C. High cost of individual dedicated units.</p> <p>D. All of above</p>
61	Two complement of 1011.01 is	<p>A. 0100.10</p> <p>B. 0100.11</p> <p>C. 1011.10</p> <p>D. 0100.01</p>

A. Simplex mode

62	Communication circuits tht transmit data in both directions but not at the same time are operating in	B. Half Duplex mode C. Full Duplex mode D. None of above
63	Blocks that appear at the top and bottom of every page, displaying repetitie information such as chapter titles are called.	A. Leaders and trailers B. Headings and footnotes C. Titles and footnotes D. Headers and footers
64	Which one of the following commands displays the volume label and serial number if they exist	A. VOL B. VOLU C. VALUM D. VOLUME
65	A person who gains illegal access to a computer system.	A. Hacker B. Worm C. Software D. Zapper
66	Example of pointing devices that are used for computer input are.	A. Joysticks B. Mice C. Trackballs D. All of the above
67	A data base record is broken down into	A. Fields B. Relations C. Tracks D. Forms
68	A TI line handles.	A. 25 million BPS B. 2100 BPS C. 1.0 Million BPS D. 1.5 Million BPS
69	Special purpose computers the enhance consumer goods such as wrist watches and stereos are called.	A. Mini computers B. Work stations C. Personal computers D. Embedded computers
70	Integrated circuits are housed in .	A. Vacuum tubes B. Transistors C. Software D. Silicon chips
71	CD(C) 6600, IBM-1401, IBM-7030 etc. belong to the	A. First generation of computer B. Second generation computer C. Third generation computer D. Fourth generation computer
72	The signals produced by a computer or terminal to be sent over phone lines must be converted to.	A. modems B. analog signals C. digital signals D. microwaves
73	Which of the following will be technologies in the home the the future.	A. Fiber optics will allow cable companies to do narrowcasting like "the surfing channel" B. CD-ROM will allow software companies to make interactive movies like surfing in your garage. C. Virtual reality software will allow you to explore a surfer's home D. All of the above
74	Software piracy include	A. badge theft B. Copyrighting C. Program duplication D. Data alternation
75	The heart of a digital computer is.	A. Control unit B. Memory unit C. Logic unit D. Visual display unit
76	Which of the following topologies is passive?	A. Star topology B. Ring topology C. Bus topology D. Hybrid topology
77	The entire new system is used by a portion of the users.	A. Direct conversion B. Pilot conversion C. File conversion D. Parallel conversion
78	The signal that the computer is awaiting command from the user	A. Prompt B. Time slice C. event D. Interrupt

79	The unit that transforms data into information is the	A. CPU B. ROM C. DVD D. OCR
80	The programming language that was designed to encourage programmers to write structured program was.	A. PASCAL B. COBOL C. BASIC D. FORTRAN
81	The computer program consists of mainly the following number of parts.	A. 2 B. 3 C. 4 D. 5
82	A computer program written in a high level language is called a.	A. Source program B. Object program C. Machine language program D. None of these
83	The people who will have contact with the system, such as employees and customers, are	A. Programmers B. System analysis C. User D. Client
84	_____ operating systems are used to control machinery scientific instruments and industrial systems.	A. Batch B. Single User C. Real time D. All of the above
85	CPU is divided into how many parts.	A. 3 B. 5 C. 6 D. 2
86	Instructional software is often referred to as.	A. Eduware B. Courseware C. Firmware D. School ware
87	Rearranging of data in a sequence is called.	A. updating B. Editing C. Batching D. Sorting
88	Pick out the wrong statement about computers.	A. It is logical machine B. It can access any piece of information that it has in store. C. It is devoid of emotion, has no feelings or instincts D. It approaches its information in unrestricted manner.
89	Another name for virtual memory is.	A. Virtual page B. Foreground C. Back ground D. Utiligy
90	Three major issue that have an impact on the success of successes of educational technology.	A. Money, teacher training, motivation of students. B. Money, teacher training, restructuring of schools. C. Geographical location of school, parental commitment, student interest. D. IQ of the students teacher interest, student involvement.
91	The analog computer deals directly with.	A. Number of pulses B. Measured values of continuous physical magnitudes C. Signal in the form of 0 or 1 D. Signal in discrete values from 0 to 9
92	UNIX is a /an	A. word processor B. Operating system C. Both a and b D. None of these
93	The lowest level of programming language is.	A. Nonprocedural language B. Assembly language C. BASIC D. Machine language
94	Selling information about people is	A. Always against the law in the United States. B. Highly unethical in a capitalist society

94	Selling information about people is.	C. A contradiction of terms information can't sold D. An increasingly important aspect of modern business
95	In one were to allow 6 bits per symbol, then following number of different symbols could be encoded.	A. 32 B. 64 C. 128 D. 16
96	A spell checker that cheeks every word as it is typed and beeps or flashes each time a word is typed incorrectly is called an.	A. Idea processor B. Interactive spelling checker C. Batch spelling checker D. Believability index
97	Which file processing will be suited to obtain upto the minute information is response to inquires from on line station without delay	A. Random access or on - line B. Sequential C. Batch D. Serial
98	A driver is.	A. Hardware B. A peripheral device C. A card D. Software
99	A computer can be defined as an electronic device that can that most precise definition.	A. Carry out logical functions. B. Carry out arithmetical operations C. Accept and process data using a set of stored instructions. D. Present information on a VDU
100	A computer derives its basic strength from.	A. Speed B. Accuracy C. Memory D. All of above
101	Which one of the following commands deletes all files and subdirectories in a directory?	A. DELL B. DELETE C. DELL TREE D. None of these
102	Software that sotes a picture, not as a collection of dots, but as a collection of lines and shapes is called _____ software.	A. Painting B. Drawing C. Modeling D. Dragging
103	A program that provides synonyms is called an	A. indexing program B. editing program C. form letter program D. thesaurus program
104	Which of the following is not a advantage of an integrated package.	A. Generally less expensive than purchasing individual packages B. Are not copyrighted so multiple copies can be made C. User don't need to memorize as many commands D. Allow for quick and easy transfer between applications.
105	Software that is free for the taking, with no strings attached, is called.	A. Public domain B. Share ware C. Copy righted D. Copy protected
106	DROP TABLE statement is used for.	A. Deleting record B. Inserting record C. Deleting table D. Retirieving records
107	The programming language LOGO	A. Tells a turtle to draw graphics on a screen B. I sued to teach young children programming and problem solving skills C. A and b D. Neither a nor b and true
108	A computer process information.	A. as directed by teh operator B. Automatically C. At once D. Gradually and enventually
109	The process of detecting, locating, and correcting logic errors is called.	A. Desk-cheeking B. translation C. debugging D. Documenting
		A. Designs buildings on the computer

110	In the field of computer science a computer architecture specialist.	<p>B. Deals with the way hardware and software work together</p> <p>C. Deals with the way a construction worker and a contractor work together</p> <p>D. There's no such thing as a computer architecture specialist</p>
111	Which input device is used for playing computer game?	<p>A. Scanner</p> <p>B. Mouse</p> <p>C. Joy stick</p> <p>D. Light pen</p>
112	_____ is pictorial representation of a program or software function or feature.	<p>A. Picture</p> <p>B. Symbol</p> <p>C. Icon</p> <p>D. Graphical Image</p>
113	The data base command that arranges records in alphabetic or numeric order is called.	<p>A. Sort</p> <p>B. Select</p> <p>C. Search</p> <p>D. Query</p>
114	Computer conferencing.	<p>A. Requires that each participant have a modem</p> <p>B. Allow participants to examine documents and comments from geographically remote sites</p> <p>C. Is an example of batch, rather than interactive computer g</p> <p>D. Always includes voice communication</p>
115	Because assembly language programming requires the programmer to think on the machine's level and to include an enormous amount of details it is called.	<p>A. Decimal</p> <p>B. Hexadecimal</p> <p>C. Machine</p> <p>D. Low level</p>
116	Parallel processing is normally under	<p>A. Batch processing Mode</p> <p>B. On-line processing mode</p> <p>C. Batch and online mode</p> <p>D. None of above</p>
117	Characteristic of digital computer are.	<p>A. Versatile and large memory</p> <p>B. Speed and accuracy</p> <p>C. Aase of communication, simulation and automation</p> <p>D. All of the above</p>
118	A computer is very high speed, accuracy and reliability. Its intelligent quotient could be of the order of.	<p>A. 0</p> <p>B. 10</p> <p>C. 15</p> <p>D. 20</p>
119	Bill Gate and Paul Allen formed Microsoft to produce and market.	<p>A. A version of BASIC</p> <p>B. MS-DOS</p> <p>C. P(C) DOS</p> <p>D. A personal computers.</p>
120	In the course of a systems project, systems design	<p>A. Follows systems analysis</p> <p>B. Follows development</p> <p>C. Precedes systems analysis</p> <p>D. Is the fourth phase</p>
121	The smallest unit of information is an	<p>A. Byte</p> <p>B. Element</p> <p>C. Bit</p> <p>D. Atom</p>
122	CPU stand for	<p>A. Central process unit</p> <p>B. Commercial process unit</p> <p>C. None of the above</p> <p>D. Central processing unit</p>
123	Which of the following is not a hardware.	<p>A. Compiler</p> <p>B. CPU</p> <p>C. Memory Unit</p> <p>D. Chip</p>
124	Pick up the correct statement	<p>A. Most mainframe sare 48 -bit machines</p> <p>B. Thousands of super computer are currently being built</p> <p>C. Supercomputers are usually designed to process accounting applications</p> <p>D. Mainframes my have multiprocessor components that permit several tasks to be processed</p>



permit several tasks to be processed at the same instant is time.

125	Cabling on a linear bus topology can be extended using which of the following.	A. Terminator B. Barrel connector C. Network adapter card D. Medium attachment unit
126	The transfer of encoded information from one location to another by a communication channel is called.	A. Data processing B. Data distribution C. Data communication D. Data encryption
127	Nobody knows the true extent of computer crime because.	A. Many computer crimes are never detected B. Companies often do not report computer crime because they are afraid of bad publicity. C. a and b D. None of the above.
128	Which one of the following is the main component of DBMS?	A. Database program B. IDE C. GUI D. Application Program
129	Present day speech recognition is best suited to which situation?	A. Recognition of single letters of the alphabet B. Words spoken in context C. Foreign language translations D. One user's voice pattern
130	The operation of arithmetic logic unit "ALU" is directed by	A. Memory unit B. Control unit C. Program D. The ALU itself
131	Which of the following descriptions relates to a floppy diskette.	A. 9 - track 1600 BPI B. Double - sided double density C. 33 Mhz- zero -wait time D. 40 MB capacity
132	This type of system software stands between the software application and the hardware.	A. Multitask B. Operating system C. Utility program D. Peripheral device
133	Every cell in a spreadsheet grid has a unique ____ made up of a row number and a column letter.	A. Apex B. Address C. Intersection D. Location
134	The main characteristic of fifth generation computers is.	A. Artificial intelligence. B. Windows operation C. All of the above D. None of these
135	Secured waste, auditor cheeks, and applicant screening all aid	A. data security B. built in software protection C. License protection D. piracy detection
136	Word processing electronic filing and electronic mail are part of .	A. Office automation B. Electronic typewriter C. Electronic industry D. None of the above
137	Which of the following is not a logical prediction for the future?	A. Computers will be smaller and lighter. B. Computer will be less expensive C. Computer are not going to get any faster, we've reached a limit already D. Computer will be easier to use.
138	The CPU Comprises of.	A. Memory, VDU, and printer B. Input device, output device, and memory C. Store, arithmetic and logic unit, and control unit D. Software, hardware, and power supply unit.
139	Today, the most popular desktop computing environments are.	A. MS-DOS , Macintosh, and Windows B. OS/2 , UNIX, and MS-DOS C. PS/2 , OS/2, and UNIX D. MS-DOS , P(C) DOS, and BASIC

A. Develon carnal tunnel syndrome

140	One common problem with computer monitoring is that workers who are monitored may	<p>A. Assume that if it's not being counted, it's not important enough to do</p> <p>C. Require ongoing training</p> <p>D. Come in contact with computer viruses</p>
141	Each address in storage has a _____ number	<p>A. discrete</p> <p>B. Character</p> <p>C. Unique</p> <p>D. General</p>
142	A type of computer that is faster because it has fewer instructions.	<p>A. Symbolic</p> <p>B. RISC</p> <p>C. ASCII-8</p> <p>D. ROM Burner</p>
143	A computer is capable of performing almost any task, provided that it can be.	<p>A. Coded</p> <p>B. Memorized</p> <p>C. Analyzed</p> <p>D. Reduced to a series of logical steps</p>
144	A physical system can be modeled by a set of	<p>A. Boolean equations</p> <p>B. Logic equations</p> <p>C. Differential equations</p> <p>D. Linear algebraic equations</p>
145	The principles of the relational data base systems were introduced by.	<p>A. Dr. James</p> <p>B. Dr. Thompson</p> <p>C. Dr. E.F. simon</p> <p>D. Dr. E.F.Codd</p>
146	What enables a computer to work with a printer?	<p>A. Protocols</p> <p>B. Drivers</p> <p>C. Packet processor</p> <p>D. HCL</p>
147	Management of an operating system is handled by	<p>A. By interpreter</p> <p>B. The supervisor program</p> <p>C. Utility program</p> <p>D. The CPU</p>
148	Database software that utilizes desktop computers to work with files in central database is called.	<p>A. File manager</p> <p>B. Decentralized</p> <p>C. Personal</p> <p>D. Client/server</p>
149	People are currently using smart cards.	<p>A. To pay highway tolls</p> <p>B. As keys to access sensitive data on computers</p> <p>C. as food stamp</p> <p>D. All of the above</p>
150	A program that can identify unnecessary words and wordy phrases in called.	<p>A. Indexing program</p> <p>B. Grammar/Style program</p> <p>C. From letter program</p> <p>D. Thesaurus program</p>
151	Applications designed specifically for a particular business or industry are sometimes called.	<p>A. Vertical market applications</p> <p>B. Closed applications</p> <p>C. Horizontal market applications</p> <p>D. Restricted application</p>
152	Productivity tools that help computer users solve problems are called.	<p>A. Systems software programs</p> <p>B. Translator program</p> <p>C. Application program</p> <p>D. None of above</p>
153	The number A9/d in Hexadecimal system is equivalent to which number in binary system.	<p>A. 10101011101</p> <p>B. 101010011101</p> <p>C. 101110011101</p> <p>D. 101010011111</p>
154	The computer dedicated to screening access to a network from outside the network	<p>A. hot site</p> <p>B. cold site</p> <p>C. vaccine</p> <p>D. firewall</p>
155	A virus program is usually hidden in.	<p>A. The operating system only</p> <p>B. An application program only</p> <p>C. The disk drive</p> <p>D. The operating system of application programs</p>
156	A standardized business language is.	<p>A. CODASYL</p> <p>B. BASIC</p> <p>C. COBOL</p>

		D. Ada
157	A collection of logically related data elements that can be used for multiple processing needs is called.	A. Data base B. Files C. Register D. Organizing
158	The operation of arithmetic logic unit is directed by.	A. the ALU itself B. Program C. Control Unit D. Memory unit
159	Information .	A. Is a marketable commodity B. Can be stolen while leaving the original behind C. Should be free, according to the original hacker ethic . D. All of the above
160	The number of bits devoted to each pixel in a bitmapped graphics program is referred to as.	A. Pixel depth B. Resolution C. Pixel strength D. Density
161	Software that translates assembly language into machine language is	A. A binary translator B. A compiler C. An assembler D. A link loader
162	Which one of the following commands checks the validity of a disk and reports the total space, number of files,etc.	A. CHECK B. CHECKDISK C. CHKDISK D. CHKDSK
163	The small logical data entity in organizing data for computer processing is.	A. File B. Field C. Record D. Data base
164	Which of the following keyboard shortcut is used to change the case?	A. Ctrl + F3 B. Shift + F3 C. Alt + F3 D. Ctrl+Shift +F3
165	The problem of protecting the privacy in computer systems is aggravated by the increased use of.	A. Command line user interfaces B. Work stations C. New CPU hardware. D. Network
166	The data gathering vehicle that permits high-volume anonymous answers.	A. observation B. unstructured interview C. questionnaire D. Structured interview
167	A computer can be defined as an electronic device that can	A. Carry out arithmetic operation B. Carry out logical operation C. Do complicated calculation D. Accept and process data by implementing sequentially a set of stored instructions.
168	One of the primary limitations of ASCII is that.	A. It does not facilitate multilingual computing B. It has a character set of over 200 C. The patterns are not ordered D. It uses only uppercase letters.
169	When Thomas J. Watson Sr. took over the computing tabulating Recording company, he renamed it.	A. Digital Equipment Corporation B. International Business Machines C. Sperry UNIVAC D. Social Security Administration
170	This type of font allows more room for wide characters like 'w' than for narrow characters like 'i'.	A. Sans serif B. Proportionally spaced C. Courier D. None of these
171	To open a version of a document means to copy it back from.	A. Printed copy B. floppy disk into the computer's memory C. Hard disk into the computer's memory D. Either b or c
172	Binary number 10101101 is equivalent in decimal form to.	A. 170 B. 171 C. 173 D. 174

173	The active cell.	A. Current cell B. Formula C. Range D. Cell address
174	If the experts are right, we can expect the price - to - performance ratio of hardware.	A. To double every year or two for several years. B. To go down every year or two for several years C. To stay the same for a while D. None of the above
175	Which of the following lists best describe the advantages of electronic mail.	A. Quick, time shifted, usually has graphics, cheap B. Long distance, quick, time shifted, can send data C. Communicates attitude, can send data, time shifted popular D. Trouble free, quick, time shifted, usually has a voice
176	Magnetic characters are produced on your bank checks by.	A. bar code reader B. MICR inscribers C. mice D. microfiche
177	A device that prevents electrical problems from affecting data files.	A. site license B. trojan horse C. hot site D. surge protector
178	A language designed to generate routing business reports is.	A. COBOL B. LISP C. RPG D. ALGOL
179	Offices that are set up so workers can commute to a location near their home are called.	A. Regional work centers B. Portable computer centers C. BEHEMOTHS D. Modem stations
180	$126_8 + 425_8 =$	A. $253_8$ B. $353_8$ C. $453_8$ D. $553_8$
181	The number 7F00 in Hexadecimal when multiplied by 61 is.	A. 7F16 B. 167F00 C. 7F006 D. None of these
182	Scheduling deadlines and milestones can be shown on a	A. System survey B. Decision table C. Prototype D. Gantt chart
183	Which of the following is increasing as computer technology progresses?	A. Hardware reliability B. Efficiency C. Speed D. All of these are increasing.
184	Which of the following is a word processor?	A. Adobe Acrobat B. Photo express C. MS-Words D. MS-Excel
185	Pickup the wrong statement A digital computer can read/write data from/on	A. Punched cards and tapes B. Magnetic disks and taps C. Floppy disk D. Printer
186	You're ready to telecommunicate with your PC to what kinds of systems can you connect?	A. Time sharing systems B. Electronic bulletin boards C. Electronic mail services D. All of the above
187	_____ computers are special purpose computers.	A. Digital B. Hybrid C. Microcomputer D. Super Computer
188	The person who requests study or work on a system is the.	A. Client B. Change agent C. User D. Analyst
189	The scope and true nature of the problem is determined during .	A. The second phase B. The preliminary investigation C. The system development

		C. The system development D. The system analyst
190	The number A9D in Hexadecimal system is equivalent to which number in decimal system.	A. 2727 B. 3648 C. 2717 D. 3717
191	Relevant knowledge produced as output of data processing operations and acquired to enhance understanding and to achieve specific purpose is called.	A. Data B. Fact C. Source D. Information
192	_____ convert high level language into low level language.	A. Google B. Assembler C. Web page D. Compiler
193	A series of instructions that transforms input into output is called.	A. A menu B. A program C. Hardware D. None of these
194	The sequence of instruction telling the machine to perform a particular sequence of operation is called.	A. Program B. Hardware C. Algorithm D. Debugging
195	Charles Babbage worked closely with _____ to develop his device.	A. Ada Lovelace B. Joseph Marie Charles C. Herman Hollerith D. Lord Byron
196	What is the maximum length of variable name in C language?	A. 20 B. 31 C. 250 D. 253
197	A disabled student uses a computer and modem to earn a college degree without leaving home. This is an example of.	A. Visualization B. Distance learning C. CAD/CAM D. Virtual reality
198	The binary number 10101011 is equal to the hexadecimal number	A. AD B. CD C. AB D. BC
199	The program that uses a personal computer to transform written words into polished, printed publications is called.	A. A spreadsheet B. Telecommunications C. Desktop publishing D. A database
200	Project 802 defines standards for which layers of the OSI model?	A. Application and Presentation layers. B. Physical and data link layers. C. Transport and Network layers. D. Network and Data Link layers.
201	Loading the operating system into a personal computer is called.	A. Booting B. Prompting C. Interrupting D. Paging
202	The history of computer is divided into the following generations.	A. Two B. Three C. Four D. Five
203	Transmitting a file from a BBS to personal computer is called.	A. Booting B. Downloading C. Uploading D. Everyting
204	A Computer derives its basic strength from	A. Speed B. Accuracy C. Memory D. All of the above
205	The hardware on which the software runs is called the.	A. DOS B. Icon C. Menu D. Platform
206	The first few working computers.	A. Were all made by American scientists B. Were used almost exclusively for text processing C. Generally had back and white CRT screens

		<p>           C. Text processing            D. Were, for the most part, developed for wartime uses.         </p>
207	Historically , the first computers were used for.	<p>           A. Text processing            B. Data storage            C. Simulation and modelling            D. Arithmetic calculations         </p>
208	People whose jobs will be changed or eliminated by computers in the coming decade include.	<p>           A. Factory workers            B. Clerical workers            C. Farmers            D. All of th abvoe         </p>
209	Another name for available for purchase software is.	<p>           A. Secondary software            B. System software            C. Packaged software            D. Peripheral software         </p>
210	The first commercial computer, delivered in 1951, is called.	<p>           A. Mark -1            B. Analytical machine            C. Atanasoff Berry Computer            D. UNIAI         </p>
211	The Mark-I was built by	<p>           A. Thomas Watson            B. Dr. John Mauchly            C. John V. Atanasoff            D. Howard Aiken         </p>
212	An one screen picture.	<p>           A. Page            B. NOC            C. I con            D. Spool         </p>
213	The decimal representation of the binary is.	<p>           A. 1            B. 2            C. 4            D. 10         </p>
214	A computer product becomes so entrenched that humans use it without conscious thought.	<p>           A. The product has failed and will no longer sell            B. It will soon be replaced.            C. The product has succeeded enough to move into the fourth phase of any information technology or media.            D. The product will never be replaced by new inventions.         </p>
215	Which of these is a well known example of system software.	<p>           A. Hyper card            B. Microsoft works            C. MS-DOS            D. All of these are system software.         </p>
216	An emerging technology that provides nonvolatile memory chips is .	<p>           A. Flash memory            B. PROM            C. CMOS            D. CISC         </p>
217	The language small talk is.	<p>           A. Procedural oriented            B. Document oriented            C. Problem oriented            D. Object oriented         </p>
218	The disadvantages of analog computer over the digital computer lies in its.	<p>           A. Set up being closely resembling the physical system            B. Having parallel struc            C. Being readily tied up with a physical system without using expensive inter phase.            D. Need for scaling, limited number of units, limited accuracy         </p>
219	Testing of each individual program or module is called.	<p>           A. Program testing            B. Volume testing            C. System testing            D. Unit testing         </p>
220	Computer scientist still have not.	<p>           A. Developed tools that will allow programmers to quickly produce error free software.            B. Gotten anywhere past the theory of virtual reality            C. Developed the first intelligent agent            D. Had any real success with speech recognition         </p>
		<p>           A. Data can be stored in a sequential         </p>

221	An important point about hypertext and othe forms of hypermedia is that	format B. It is more prone to viruses than other media C. Data can be linked in any conceivable way D. They can be transmitted over networks more quickly than oil a media
222	An empty shell in which a company may embedded chip to signal its wearer's location.	A. hot site B. Cold site C. Restoration site D. Hard ware
223	One way a database manager might be able to see if an intruder has been on the system is by using.	A. A encryption device B. Audit control software C. A copy protection scheme D. A password
224	A computer programme is a list of _____ that tells the computer what to do and how to do.	A. Documents B. Information C. Instructions D. Alphabets
225	What is meant by logical errors in a computer program?	A. these are errors that arise due to improper use of the formula or wrong use of the symbols or data. B. These are errors that arise due to the wrong use of the programming language, such as incorrect pronunciations or misuse of the terms C. These are errors that arise due to the limitation of the computer. D. NONE OF THE ABOVE STATEMENTS.
226	Pictures on a monitor are composed of tiny dots called.	A. A pixels B. CRTs C. VDTs D. Elements.
227	Scientific visualization can be done with the help of.	A. Mathematical processing software B. Statistical software packages C. Graphics programs D. All of the abvoe
228	Which of the following storage devices the cannot support both direct	A. Magnetic drum B. Magnetic tape C. Megnetic disk D. None of the above
229	The most commonly used output device today is a.	A. CRT monitor B. Keyboard C. Mouse D. Card punch
230	The box representing the intersection of a row and a column of a spreadsheet is called an	A. Address B. Cell C. Axis D. Matrix
231	Which of the following is associated with second generation computer.	A. Transistor B. Magnetic core memory C. High level procedural language D. All of above
232	A hybrid computer is the one having combined properties of.	A. Super and microcomputers B. Mini and microcomputers C. Analog and digital computers D. None of the above
233	Typical gray scale graphics allow each pixel to appear as black, white or gray by	A. Assigning 1 bit per pixel B. By mixing black and white pixels to produce gray C. Assigning 8 bits per pixel ,allowing for 256 shades of gray D. None of these
234	The term word in computer terminology refers to.	A. bits formed into groups B. Coded instructions C. Memory size D. Language used
235	What technique is used to move text with a word processor.?	A. Cut and paste B. Drag and Drop C. Both a and b D. Neither a nor b

A. Internreters

236	_____ are used for translating high language instructions in to machines code or an object code.	A. Interpreters B. Assemblers C. Compiler D. None of these
237	Information transformations are performed by the	A. Central processing unit B. Input devices C. Out put devices D. File description
238	Assuming 8 bit of data, 1 bit for parity, 1 start bit and 2 stop bits, the number of characters that 1200 BPS communication line can transmit is.	A. 10 CPS B. 100 CPS C. 12 CPS D. 120 CPS
239	A proprogrammed formula	A. Function B. range C. group D. cell
240	Why would computer programs that teach reading sills be a good idea in adult literacy education?	A. Most teachers refuse to work with adults B. Adults adapt to computers more quickly than children to. C. Illiterate adults know that the computer will not think they are stupid D. All of these
241	One of the more computers connected to a hub computer is.	A. Star network B. Ring network C. Node D. Information utility
242	Micro processor is based on	A. Thermionic values B. Transistors C. Single integrated circuit or chip D. Integrated circuit
243	The digit used for hexadecimal number system are.	A. A trough Z B. 1 through 16 C. 0 through 15 D. 0 through and A through F
244	The most common type of data base printout is a.	A. Menu B. Program C. Report D. Query
245	Which of the following would work to keep a class gradebook that automatically upgrades totals when grades are entered?	A. Word processor B. Spread sheet C. MS-DOS D. None of these
246	Point of sale terminal to.	A. Terminals associated with MICR B. Smart terminal C. Terminal associated with OCR D. None of abvoe
247	If a processor does not have direct and unassisted access to data items, these items are said to be.	A. Off line B. On line C. Time shared D. None of these
248	What are Numeric constants?	A. A set of positive and negative numbers B. A sets of characters enclosed in quotation marks. C. both of these D. None of these
249	An Icon present on the Windows desktop that enable users to view, drives, folders, and files is called.	A. My Documents B. My Computers C. Internet Explorer D. Opera Explorer
250	A program that performs a useful task and at the same, time, carries out some secret destructive act, is known as a.	A. Sabotage B. Trojan horse C. Worm D. Logic bomb
251	Which of the following cannot be entered into a typical spreadsheet cell.	A. Graphics B. All of the above are legal C. A numeric value D. A formula
252	The corresponding memory spaces for pages are called.	A. Page utility B. Page frames C. Page blocks D. Page headers



		D. Page modules
253	One form of build in software protection for data is.	A. Secured waste B. applicant screening C. User profile D. Auditor checks
254	Storage of 1 K means that it has following number of storage location.	A. 1000 B. 964 C. 1024 D. 1032
255	Primary storage for the UNIVAC was via	A. Punched cards B. Transistors C. Magnetic cores D. Disk packs
256	An operating system is a.	A. System software B. System utility C. Software pakage D. Application software
257	A disabled student uses a computer and modem to earn a college degree without leaving home. This is an example of	A. Visualization B. Distance learning C. CAD/CAM D. Virtual reality
258	The most common storage devices in a computer system are.	A. Printers and monitors B. Disk drives and printers C. Disk drives and tape drives D. Tape drives and keyboards
259	What is meant by the portion of the program that explain the program?	A. Manual B. Documentation C. expression D. None of these
260	Document imaging systems include	A. Scanners B. Magnetic and optical storage disk drives C. Fax machines D. All of the above
261	Turning an entire project over to an outside firm for development is called.	A. Auditing B. outsourcing C. Preliminary investigation D. Prototype
262	Programs waiting to be run are kept on disk in.	A. Page frames B. the back ground C. Shells D. Queues
263	When a database receives data in the form of text files created with word processors, spreadsheets, or other data bases, the process is called.	A. Searching B. Exporting C. Importing D. None of these
264	Which one of the following is another name of pointer?	A. Cursor B. Pixel C. Monochrome D. Icon
265	The program that contains instructions to operate a device is called.	A. Device linking B. Device operator C. Device system D. Device driver
266	A chart of positions and departments within an organization is.	A. A data flow diagram B. A project management report C. An organization chart D. A Gantt charet
267	The Macintosh user interface can accurately be described with which of the following terms?	A. GUI B. Menu driven C. Icon based D. All of these terms describe the Mac user interface.
268	The major operational problem of the early first generation computers was.	A. Inaccurate results B. Poor reliability C. delayed results D. Limited capabilities
269	The microphone converts the sound into.	A. Mechanical signals B. Electrical signals C. Computer file D. Software

270	Which of the following will happen when data is entered into a memory location?	A. It will change the address of the memory location . B. It will add to the content of the location , C. It will erase the previous content. D. It will not be fruitful if there is already some data in that location.
271	Which menu of MS-Access contains the command "New"?	A. File B. Edit C. View D. Format
272	A hardware register used to hold the results or partial results of arithmetic and logical operations is called.	A. Accumulator B. Instruction Register C. Status Register D. Stack pointer
273	In a computer's memory, a combination of bits like 01110110 represents.	A. a number B. A character of text C. Part of computer program D. It might represent any of these
274	The portions of a program ignored by the computer since they are only included to help the reader understand the program are called.	A. Variables B. Declarations C. Reminder notes D. Comments
275	The earliest file management systems that required users to accumulate transaction and feed them into computers in large groups used.	A. Transaction processing B. Interactive processing C. Decentralized processing D. Batch processing
276	Page frames are typically	A. 1 K or 2 K Bytes B. 3 K or 4 K Bytes C. 2 K or 3 K Bytes D. 2 K or 4 K Bytes
277	One or more computers connected to a hub computer is a.	A. Ring network B. node C. Star network D. Information utility
278	Much early AI work focused on game like checkers and chess because.	A. They are easy to represent in the computer's digital memory B. They have clearly defined rules C. The goals of the game are unmistakable D. All of the above
279	What is an expression in a computer programme.	A. a combination of variables, constants and operators. B. A set of instructions C. A set of information D. None of these
280	The shortest period of time is a.	A. Milli second B. Nano second C. Picosecond D. Microsecond
281	An operating system is a	A. Set for user B. Form of time sharing C. Set of programs D. Supervisor program
282	A software program designed to replicate the decision making process of a human expert is called an	A. Knowledge base B. Data base C. Expert system D. Artificial domain
283	A set of software tools for automated design is called.	A. Prototypes B. Data flow diagrams C. CASE D. Ganit charts
284	In 1945 Arthur C. Clarke predicated that satellites would.	A. Replace many telephone cables B. Replace radio towers C. Allows electronic signals to be beamed oceans D. All of the above
285	An English-like language that one can use as a program design tool is.	A. BASIC B. Pseudocode C. PL/I D. Pascal
		A. Errors of context B. Word not in the checkers

286	Spell checkers cannot detect.	dictionary C. All misspelled proper names D. All of the above
287	The information infrastructure of computers and networks can be compared with.	A. The railroads of the nineteenth century B. The airline industry C. Our modern highway system D. All of the above
288	Octal number system used the digits 0 to 7. The equivalent of Octal 130 in decimal system is.	A. 88 B. 82 C. 86 D. 81
289	In a sort routine, an A to Z order is called.	A. Ascending B. Descending C. Alphabetical D. Ordered
290	Alan Kay says we can predict the future by recognizing the four phases of any technology or media.	A. Hardware, software, people finance, B. Hardware, software, service, way of lime C. People , machines, service, finance. D. Hardware, program, people , ideas
291	IBM's System/360 family of computers was introduced during the .	A. 1950s B. Third generation C. Second generation D. 1990s
292	The best graphic to show the relative proportions of the parts to a whole is a.	A. Line chart B. Bar chart C. pie chart D. scatter chart
293	Rearranging data in a new sequence is known as.	A. Up dating B. Batching C. Sorting D. Summarising
294	Which one of the following is faster?	A. RAM B. Cache C. Register D. Hard Disk
295	In EBCDIC coded each character is denoted by.	A. 3 bits B. 4 bits C. 5 bits D. 8 bits
296	The first apple computer was built is.	A. a garage B. a ware house C. An apartment D. A factory
297	Most mainframe computers are basically.	A. 4 bit machines B. 8 bit machines C. 16 bit machines D. 32 bit machines
298	MS-DOS is an example of _____ interface.	A. GUI B. CLI C. MAC D. All of the above
299	Which of the following writer's tools is not available in a computer software form?	A. Thesaurus B. Dictionary C. Outliner D. All of these are available as software
300	125 <sub>8</sub> (octal) in decimal equivalent is equal to.	A. 85 <sub>10</sub> B. 83 <sub>10</sub> C. 84 <sub>10</sub> D. 86 <sub>10</sub>
301	Step - by-step instructions that run the computer are.	A. Hardware B. Documents C. Program D. CPU
302	What major area of artificial intelligence deals with distinguishing cats from dogs in a computer's view?	A. Pattern recognition B. Expert systems C. Resolution analysis D. Natural language

303	The binary number 101000101011 is equal to the hexadecimal number.	A. A2D B. C2D C. A2B D. B2C
304	A computer is capable of performing almost any task, provided that it can be	A. Coded B. Memorized C. Analyzed D. Reduced to a series of logical steps.
305	The closest thing the United States has to a national telecommunications network is.	A. Minitel B. E-mail C. Internet D. Arpanet
306	CPU stand for	A. Central processing unit B. Central process unit C. Commercial process unit D. None of the above
307	The software tools that allow a computer to be used for specific purposes are called.	A. Firmware B. Terminals C. Hardware D. Application programme.
308	In spreadsheet program the active cell is the cell that.	A. Is still empty B. Contains data or text C. Is doing acrobatics D. Can be modified
309	This works like a specialized prefabricated worksheet, automatically recalculating as a number is entered or changed.	A. Tax preparation software B. Audit trails C. Mathematics processors D. Transaction software
310	Windows explorer is used to.	A. Access the internet B. Explore system resources C. Perform maintenance on hard disk D. Navigates files and folder on the computer
311	The gain of an ideal amplifier must be	A. Infinity B. Zero C. Unity D. none of these
312	Before a sequential file can be updated the transactions must first be	A. Numbred B. Sorted C. Update D. labeled
313	The following register keeps track of the program during Execution.	A. Address register B. Program counter C. Data register D. Accumulator
314	An A/D converter does the conversion from	A. Digital to analog B. Analog to Digital C. Voltage to ampere D. Direct to alternate current
315	The concept of sending/receiving text etc, on computer networks is called.	A. On-line database B. Electronic mail C. Teleprinting D. Teleconferencing
316	Comments in the program itself are part of.	A. Compiling B. Translating C. Linking D. Documenting
317	A byte is a collection of.	A. 800 bits B. Eight bits C. 28 bits D. 2 bits
318	The largest mainframe database are referred to as.	A. Distributed B. Centralized C. Real time D. time managers
319	Which of the following can be used to launch Word Art?	A. Status bar B. Ruler C. Standard tool bar D. Drawing tool bar A. Coding

320	The process of writing a program from an algorithm is called.	A. Decoding B. Encoding C. Encoding D. Encrypting
321	MS-DOS is a product of	A. AT & T B. Corel C. Microsoft D. None of these
322	In BASIC, Which one of the following is something that does not change its values during execution of the program?	A. Variable B. Constant C. Command D. None of these
323	For calculating taxes, input to computer could be	A. Numbers representing wages B. Income C. Tax tables D. All of the above
324	A computer is very high speed, accuracy and reliability .Its intelligent quotient could be of the order of.	A. 0 B. 10 C. 15 D. 20
325	The key factor in a computer installation that has met with disaster is the.	A. Equipment replacement B. Loss of hardware C. Insurance coverage D. Loss of processing ability
326	The cell containing the cursor in a spread sheet is called an.	A. Active cell B. Console C. Formula bar D. Heading
327	Computer operation s are synchronized by	A. The CPU clock B. Megabytes C. The binary system D. E-time
328	MS-DOS is a/an	A. Word processor B. Operating system C. both a and b D. None of these
329	Internet explorer was first introduced in.	A. 2005 B. 1998 C. 1995 D. 1990
330	What is telecommuting?	A. A special form of electronic mail B. a new trend in robotics that may take the place of cars. C. A trend towards working at home using personal computers and modems D. None of these
331	A virust that replicates itself is called a.	A. bug B. worm C. Vaccine D. bomb
332	When all hardware, software, storage, and processing is housed in one location it is called.	A. A time sharing system B. Centralized processing C. A DDP system D. A host computer system.
333	Data and program not being used by computr are stored in.	A. Secondary storage B. Cache C. Primary storage D. Printer
334	_____ is a special, high-speed storage are within the CPUS	A. Memory B. RAM C. Register D. ROM
335	Desktop and personal computers are other names of	A. micro computers B. Mini computers C. Main frame computer D. Peripheral equipment
336	The feature that keeps track of the right margin is.	A. Find and place B. Ragged right C. Word wrap D. Right justify
		A. Operational information

337	The lowest level of management is concerned with	B. Traditional information C. Long term planning D. Strategic information
338	When a secretary is moved from a job that involves filing, dictation, and reception work to a repetitive keyboarding job, it is called.	A. up skilling B. Computer monitoring C. Information overload D. De skilling
339	To activate an object, send	A. a message B. an instance C. a method D. an attribute
340	The number system used by computers to represent all internal data is teh _____ system.	A. Binary B. Hexadecimal C. Decimal D. None of the above
341	Software programs designed to allow several networked users to work on the same documents at the same time are called.	A. share ware B. groupware C. Bulletin boards D. LANs
342	Who is responsible for introducing the concept of stored program.	A. Blaise Pascal B. Herman Hollerith C. Charles Bababage D. John von Neumann
343	Data gathering and data analysis take place.	A. After the system survey B. After system Analysis C. During evaluation
344	First generation computers were characterized by the use of the _____	A. Microprocessor B. Vacuum tube C. Transister D. Integrated circuit
345	Type of relationships are.	A. 3 B. 5 C. 7 D. 8
346	A microprocessor is.	A. A software program stored on a diskette B. A small vacuum tube used for processing data C. A software program designed for handling very small numbers D. A CPU on a silicon chip
347	An approach to increae speed is	A. CISC B. Parallel processing C. Serial processing D. CMOS
348	How many input leads will be required for a chip containing our two input NOT gates?	A. 7 B. 12 C. 13 D. 14
349	In a data flow diagram, a destination for data outside the system is called a	A. Vector B. File C. Sink D. Source
350	Who developed the first automatic electronic digital computer prototype between 1935 and 1942	A. John Atanasoff B. J. Presper Eckert C. William Shockley D. Thomas J. Watson
351	Another name for an antivirus:	A. Vaccine B. Worm C. Trojan Horse D. DES
352	A fourth generation language used for database retrieval.	A. High level language B. Assembly language C. Query langauge D. Procedural language
353	In anticipation of physical destruction, every computer organization should have a.	A. Biometrics scheme B. Disaster recovery plan C. DES D. Set of active badges
354	The primary limitation of audio distribution is that	A. The require artificial intelligence software to be correctly interpreted B. They cannot store input in memory C. There is not software support for

354	The primary limitation of audio digitizers is that	<p>C. there is not software currently available to perform needed functions</p> <p>D. They cannot capture music</p>
355	When the word processor automatically transports, along with the cursor, any words that won't fit on the current line to the next line, it is called.	<p>A. Transpositioning</p> <p>B. Word wrap</p> <p>C. Editing</p> <p>D. Formatting</p>
356	Business quality graphics	<p>A. Stacked bar</p> <p>B. Analytical</p> <p>C. Legend</p> <p>D. Presentation</p>
357	Main memory of personal computer is called.	<p>A. PROM</p> <p>B. ROM</p> <p>C. EPROM</p> <p>D. RAM</p>
358	Many experts predict that the most important enhancement to the user interface of the future will be.	<p>A. A new menu structure.</p> <p>B. Talk writers</p> <p>C. Knowledge</p> <p>D. A new type of pointing device.</p>
359	The hexadecimal number system is widely used in analyzing and programming in.	<p>A. Analog computer</p> <p>B. Binary computer</p> <p>C. micro computer</p> <p>D. decimal computer</p>
360	Which one of the following statements is NOT Correct?	<p>A. An interface allows two devices to interact with each other.</p> <p>B. Console is that part of the computer used to control its operations manually</p> <p>C. Peripheral is a device not controlled by the CPU</p> <p>D. Channel is a path to carry information from CPU to peripheral and vice versa</p>
361	Unicode can represent up to.	<p>A. 60635 symbols</p> <p>B. 56532 symbols</p> <p>C. 64739 symbols</p> <p>D. 65536 symbols</p>
362	The feature that allows viewing any part of a document on the screen is	<p>A. Searching</p> <p>B. Pasting</p> <p>C. Scrolling</p> <p>D. editing</p>
363	Monochrome graphics programs are efficient and easy to learn but limited in their ability to produce.	<p>A. Realistic images</p> <p>B. Simulated shades of gray</p> <p>C. One bit graphics</p> <p>D. Single colors</p>
364	A connection for similar networks.	<p>A. Satellite</p> <p>B. gateway</p> <p>C. bridge</p> <p>D. fax</p>
365	Which type of computer operator by directly counting numbers.	<p>A. Special purpose</p> <p>B. Analog</p> <p>C. Digital</p> <p>D. Hybrid</p>
366	A bus line consists of	<p>A. Registers</p> <p>B. Accumulators</p> <p>C. Parallel data paths</p> <p>D. Machine cycles</p>
367	The clock speed of a computer is measured in.	<p>A. Megahertz</p> <p>B. Kilobytes</p> <p>C. Megabytes</p> <p>D. Binary digits</p>
368	Computers that are used in consumer goods, such as cars, are called.	<p>A. Enhanced</p> <p>B. Software</p> <p>C. Analog</p> <p>D. Embedded</p>
369	LAN stand for.	<p>A. Little Area network</p> <p>B. Local Area Network</p> <p>C. Logical Area network</p> <p>D. Low Area network</p>
370	A network of geographically distant computers and terminals is called a.	<p>A. bus</p> <p>B. WAN</p> <p>C. Gate way</p> <p>D. LAN</p>

371	Which of the following statement concerning touch screens is false?	<p>A. they respond when the user points or touches different screen regions</p> <p>B. They are effective when users are unfamiliar with computers.</p> <p>C. They are used in public places, such as libraries and airports</p> <p>D. they are particularly popular with artists and designers.</p>
372	The leading software manufacturer is	<p>A. Apple</p> <p>B. IBM</p> <p>C. MITS</p> <p>D. Microsoft</p>
373	After stating the solution to a problem in pseudocode, the next step would be	<p>A. Testing the program</p> <p>B. Coding the program</p> <p>C. Documenting the program</p> <p>D. Translating the program</p>
374	The first digital computer to work electrically was the	<p>A. UNIVAC</p> <p>B. Atanasoff Berry Computer</p> <p>C. Mark -I</p> <p>D. Analytical Machine</p>
375	Which of the following is an acronym for a computer department.	<p>A. MIS</p> <p>B. PDA</p> <p>C. CPU</p> <p>D. LAN</p>
376	In desktop publishing systems, this software is used to combine the source documents into a coherent, visually appealing publication.	<p>A. Page layout software</p> <p>B. Database software</p> <p>C. Spreadsheet software</p> <p>D. Telecommunication software</p>
377	What are the three things that can be in the cell of a spreadsheet/	<p>A. Numeric values, Letters, symbols</p> <p>B. Percents, ranges, numeric values</p> <p>C. numeric values, labels, formulas</p> <p>D. Numeric values, tables, sums</p>
378	Most word processors today include this feature, which compares teh words ina document with words in a disk based dictionary.	<p>A. rhymmer</p> <p>B. Spell checker</p> <p>C. Outliner</p> <p>D. Processor</p>
379	NOS refers to	<p>A. The default drive</p> <p>B. Booting</p> <p>C. Operating system for a network</p> <p>D. Roun ,robin scheduling</p>
380	Most computer crimes are committed by.	<p>A. Hackers</p> <p>B. International spies</p> <p>C. Highly trained computer consultants</p> <p>D. Company insiders who have no extraordinary technical ingenuity</p>
381	A plan to trace data to its source is called.	<p>A. an audit trail</p> <p>B. a vector</p> <p>C. Sampling</p> <p>D. Volume testing</p>
382	A digital computer is also called. _____ computer.	<p>A. Mini computer</p> <p>B. Micro computer</p> <p>C. Mechanical computer</p> <p>D. None of these</p>
383	Terminal is a:	<p>A. Device to give power supply to computer</p> <p>B. Point at which data centers or leaves the computer.</p> <p>C. The last instruction in a program</p> <p>D. Any input/output device</p>
384	Which of the following functions is used to get the current date?	<p>A. Excel()</p> <p>B. Today ( )</p> <p>C. Month ( )</p> <p>D. year ( )</p>
385	When you are buying a typical computer software package, you are not actually buying the software, Instead you are buying a.	<p>A. Warranty</p> <p>B. Software licence</p> <p>C. Patent</p> <p>D. Copy right</p>
386	Which of the following IC logic family has maximum fan out capacity?	<p>A. TTL</p> <p>B. DTL</p> <p>C. MOS</p> <p>D. CMOS</p>



387	Relativity permanent data is continue in.	A. A field B. A unsection C. Memory D. A master file
388	Multimedia documents can contain.	A. Animation computer graphics that move on the screen B. Video information film clips shown on the computer's screen C. Audio information music, sound effects, and spoken words D. All of the above
389	Most of the errors in computer system could be attributed due to	A. virus B. Programming errors C. Data entry D. Hardware problem
390	An online meeting between two or more people is called.	A. Telecommuting B. Group ware C. A conference D. A teleconference
391	Using computer to design and manufacture products is called	A. Inseribing B. Detalling C. CAD/CAM D. Imaging
392	If using verification with the find and replace feature, this is called.	A. Verified replace B. Questionable replace C. Conditional place D. What if replace
393	A microprocessor has memory location from 0000 to 3 FFF, each storing one byte. The number of bytes, the memory can stored is.	A. 8,192 B. 16,384 C. 32,768 D. 4,096
394	Programs that allow programmers to create other software are.	A. Accounting spreadsheets B. application programs C. Translator program D. Word processors
395	Why are computer crimes so hard to detect?	A. Disk can easily be creased to get rid of the evidence. B. Someone can steal information and leave the original behind. C. Most computer crimes are committed by insiders. D. All of these make computer crimes hard to detect
396	Analog computers are_____ accurate as compared to digital computer is.	A. More B. Less C. Nearly same D. Unpredictable
397	Which of the following is an example of text formatting?	A. Replacing good with good will B. Moving a sentence to a different paragraph C. Deleting a paragraph D. None of these
398	program need to be entered into the computer's memory saved as a disk file and translated into the computer's native machine language before they can be executed or run . to enter and save a program, you can use an.	A. Fornatter B. CAD program C. Text editor D. Interpreter
399	The person who fills the role of change agent is the.	A. System user B. System analyst C. Administrator D. Client
400	Ragged right means the right margin is set to be	A. Uneven B. even C. Variable D. wide
401	The basic operation performed by a computer is.	A. Arithmetic operations B. Logic operations C. Storage and retrieval operations D. All of above
402	When a program becomes a part of the silicon chip it is called.	A. Software B. Firmware C. embedded D. Hardware

403	A portable operating system.	A. Generic B. Backup C. Allocated D. Utility
404	Which of the following true of spreadsheets in general?	A. They are used only in business applications B. They can be used for simulations C. Their formulas can only refer to cells that are in the same row or column as the formula D. It is very difficult to generate deceptive results with a spreadsheet.
405	A data base files is a collection of which of.	A. Records B. Keys C. Name and address D. Cells
406	Base 8 is often used in computing because	A. There are 8 bit in a byte B. Calculations become casier by using base 8 C. Electronic circuits can be made economically D. It can represent long string of binary 1's in a more compact form.
407	Most mainframe computers are basically_____ machine.	A. 4 bit B. 8 bit C. 16 bit D. 32 bit
408	Most computers have two separate memory caches L1 cache, located on the _____ and L2 cache, located between the CPU and DRAM.	A. RAM B. ROM C. CPU D. EEPROM
409	The arrangement in which most of the processing is done by the server.	A. Simplex transmission B. Electronic data interchange C. File server D. Client/Server
410	Computer crime is likely to continue to grow unless.	A. Electronic bulletin board operators are held responsible for information others post on their BBS. B. Corporations and government agencies recognize the importance of security with their walls. C. Law-enforcement agencies stop worrying about corporate insiders and, instead, increase their efforts to arrest teenage hackers. D. We decide that freedom of the press does not apply to on-line magazines.
411	Which of the following commands changes any or all of the target words to a different word and comes in handy when you've misspelled the same word or name throughout your document?	A. The replace command B. The edit command C. The cut-and paste command D. None of the above
412	Computed fields in a database can contain.	A. Text values only B. Memeric values only C. Formulas and numeric values D. Formulas and text values.
413	The complex set of electrical circuitry that executes program instructions is called the.	A. Register B. CPU C. Accumulator D. Bus line
414	_____ are used for translating assembly language code to machine code.	A. Interpreters. B. Assemblers C. Compiler D. None of these
415	A program that, after being initially loaded into the computer by a boot program, manages all the other programs in a computer is called.	A. Application software B. Function software C. Controlling software D. Operating system
416	One of the more computers connected to a hub computer is.	A. Ring network B. Star network C. Node D. Information utility
417	Second generation computers belong to.	A. 1956-1963 B. 1945-1956 C. 1964-1971

		D. 1971 - Present
418	The kind of interview where all questions are planned in advance is called.	A. Preplanned B. Structured C. Observation D. Unstructured
419	Data communication requires only a:	A. Sender B. Receiver C. Transmission medium D. All of above
420	Many experts predict that internet will be replaced by.	A. Prodigy B. Milnet C. UREN D. Usenet
421	Windows explorer is look like.	A. My Documents B. Internet explorer C. My Computer D. All of the abvoe.
422	What is telecommunication?	A. A special form of electronic mail B. A new trend in robotics that may take the place of cars C. Communication by telephone D. Long distance electronic communication in a variety of forms
423	What type of translator software translates an entire program into machine language before passing it on to the computer?	A. Compiler B. Interpreter C. Pascal D. Text editor
424	Computer follows a simple principle called GIGO which me.	A. Garbage input good output B. Garbage in garbage out C. Great instructions gret output D. good input and good output
425	Pick up the wrong statement in the analogy of mechanical and electrical devices.	A. Resistance is analog of damping B. Inductance is analog of mass C. Capacitance is analog of spring constant D. Charge is analog of displacement.
426	Which is a storage device?	A. CPU B. Clock C. Floppy disk D. Bus
427	Which is not a professional computer job?	A. Systems analyst B. Programmer C. User D. Data entry operator
428	Since memory is not a permanent storage medium. Its important to _____ your work.	A. Bank B. Paste C. Save D. Open
429	Program maintenance means.	A. Maintaining a program exactly the way it was initially developed B. Changing a program due to changes in the organization C. A dopting an altogether new program D. Removing the errors from a program
430	A management information system (MIS) can be used by.	A. Only top -level managers in the company B. Only mid - level managers in the company C. Only low level managers in the company D. Only MIS can be used by all levels of management
431	Which one of the following is a graphical shell?	A. UNIX B. Page C. GUI D. Utility program
432	Which of the following is an example of volatile memory?	A. PROM B. RAM C. ROM D. HARD DISK
		A. It allows users to send and receive

433	What service does a typical computer bulletin board provide?	e-mail B. It gives special interest groups a communication tool C. It allows group projects to develop D. All of the above
434	Screen output is also called.	A. Hard copy B. Soft copy C. Daisy wheel D. Resolution
435	Now a day computers all over the world can talk to each other which is one of the special accessories essential for this purpose?	A. Fax card B. Modem Card C. Network adapter card D. DVD
436	The signal that the computer is awaiting a command from the user	A. Prompt B. Time slice C. Event D. Interrupt
437	The people who will have contact with the system, such as employers and customers, are.	A. Progmmer B. Users C. Client D. System analysis
438	Will are the two inherent characteristics computers have that most leave them open to attack or operating error?	A. A computer is difficult to hide/hardware is portable. B. Every computer network is easily accessible/files are easy to copy C. A computer will do exactly what it's programmed to do a computer can do only what what it's programmed to do. D. Computers are so programmable that they don't have any inherent characteristics.
439	What is a computer program?	A. A type of peripheral B. A set of instructions C. A form of data D. A type of processor
440	The device used with satellite transmission that ensures that strong outgoing signals do not interface with weak incoming signals is called.	A. Microwave B. Transponder C. Cable D. Modem
441	When a user issues a command to find all the records that match a set of criteria, it is called a.	A. Merge B. File C. Query D. Sort
442	An application package is used to.	A. Meet specific needs of a user B. Run the computer system better C. Run the compiler smoothly D. Enable operating system control harware better
443	Software that is free for the taking, with no strings attached, is called.	A. Copy righted B. Copy protected C. Share ware D. Public domain
444	The person who requests study or work on a system is the.	A. Analyst B. Change agent C. User D. Client
445	Binary systems use a base of.	A. Eight B. Two C. Ten D. zero
446	The main purpose of a networking computers is to.	A. Move blocks of information within RAM B. Enable voice communication between modems C. Facilitate communication between software applications D. Share resources and information
447	For many who understand computers, the biggest issue of concern related to autonomous military system is.	A. The unpredictability of the enemy B. The these systems might not react quickly enough to an attack C. Software reliability D. Hardware capacity
		A. Resistance is analog of damping

448	Which one of the following statements is wrong in the analogy of mechanical and electrical devices?	B. Inductance is analog of mass C. Capacities is analog of spring constant D. Charge is analog of displacement
449	Hypertext is.	A. a programming language B. A way of organizing information non sequentially C. WYSIWYG D. Any text typed in a Hyper card text field
450	Computers that deal with discrete data are called.	A. Discrete computers B. Digital computers C. Analog computers D. Micro computers
451	The ENIAC, using ABC principles was designed by.	A. Charles Babbage B. Bell Laboratories C. John V. Atanasoff D. Mauchly and Eckert
452	A program that allows users to work with one file at a time is called a.	A. DBMS B. File manager C. PIM D. None of these
453	Computers process instructions in their "native" language, which is called.	A. COBOL B. Machine language C. BASIC D. Natural language
454	Researchers today are developing RISC processors and parallel processing in a quest for.	A. Smaller computers B. A society that only uses embedded computer C. Speed D. Agents
455	Security protection for personal computers includes	A. Internal components B. Lock and cable C. Software D. all of these
456	Charles Babbage worked closely with ___ to develop his device.	A. Ada Lovelace B. Joseph Marie Charles C. Herman Hollerith Charles D. Lord Byron
457	An analog computer produces its results in the form of .	A. Numbers B. Codes of '0' s and '1' s C. Log format D. Graphs
458	A program called an _____ translates each assembly language instruction into a machine language instruction.	A. Compiler B. Assembler C. Interpreter D. Translator
459	Hollerith's Tabulating Machine Company eventually became .	A. IBM B. AT & T C. Apple D. General Electric
460	Which component is responsible for comparing the contents of two pieces of data?	A. ALU B. Control Unit C. Memory D. None
461	The native language of a computer is called _____ language.	A. Machine B. Assembler C. Pascal D. COBOL
462	A letter, number, or a special character is represented by a	A. kilobyte B. Megabyte C. byte D. bit
463	Desirable features of analog and digital computers are combined to make _____ computers.	A. Mini computer B. Hybrid computer C. Micro computer D. None of these
464	The following command duplicates the contents of one disk another.	A. BACKUP B. COPY C. DELL D. DISKCOPY
		A. ENTER key B. RETURN key

465	A flashing cursor is sometimes called an	B. Ready signal C. Insertion bar D. C
466	The device are used by a person or other system to communicate with a computer are called.	A. Communication devices B. I/O devices C. message devices D. All of the above
467	An integrated circuit is.	A. A complex circuit B. An integrating device C. Fabricated on a tiny silicon chip D. Another name for chip
468	OCR -A is a	A. Plotter B. Wand reader C. Standard type face D. barcode
469	WAN stand for	A. World area network B. Wide Area network C. Westran Area network D. Wilson Ara network
470	What is the most common computer crime of these listed below?	A. Extortion of bank funds B. IRS database sabotage C. Putting people on junk mailing lists D. Software piracy
471	Specifying the kind of input, processing, and output required for a program occurs when	A. Planning the solution B. Flowcharting the problem C. Coding the problem D. Defining the problem
472	The first high level language to be introduced was.	A. COBOL B. FORTRAN C. PASCAL D. ADA
473	With the onset of the _____ governments sought to develop computers to exploit their potential.	A. First world war. B. Second World war C. Civil War D. None of these
474	Summarizes information related to a graph.	A. plot area B. label C. axis D. title
475	Which command is used to create a new database file?	A. Ctrl+C B. Ctrl+V C. Ctrl+D D. Ctrl + N
476	A bootstrap is.	A. A memory device B. A device to support the computer. C. A small initialization program to start up a computer D. An error correction technique.
477	Why is CAD preferred over the older technique of drafting board, pencil, and T-square?	A. CAD programs can produce the initial design for you B. Software is cheaper to purchase than a drafting board C. CAD Designs ae easily modified paper designs are not D. CAD is only used when pencils can't do the job
478	CBT stand for.	A. Certificate based training B. Computer based trade C. Computer base training D. Computer based transfer
479	Which of the following is not true about object oriented graphics?	A. Object can be rearranged and moved around B. Multiple objects can be grouped together C. Printout resolution is determined by the printer, not by the software D. All of these statements are true
480	The faster type of ADC is.	A. Time interval B. Parallel C. Closed loop D. Successive
481	Which of the following devices use reflected light to determine the location of pencil marks on standardized answer sheets and similar forms?	A. Bar code readers B. Optical Mark readers C. Magnetic ink character readers

	on standardized answer sheets and similar forms?	C. Magnetic ink character readers D. Wand readers
482	When an executive wants a computer application program that will project future revenues based on current data, is _____ program is the best tool to use.	A. Word processor B. Spreadsheet C. Graphics D. Database
483	An error in a computer hardware and software is called a bug another name for it is.	A. Glitch B. Hacker C. Virus D. Pixel
484	Excess-3 code is known as	A. Weighted code B. Cyclic redundancy code C. Self complementing D. Algebraic code
485	Programming and testing are elements of	A. systems analysis B. System development C. systems design D. Implementation
486	One reason computers have difficulty processing natural language is because of the.	A. Limited vocabulary of natural languages B. Lack of subsets of natural languages C. Large vocabulary of natural languages D. Fact the natural languages have no syntax
487	Which of the following is not used in educational software?	A. Simulation B. Drill and practice C. Hypermedia D. All of these are used
488	Pick out the WRONG statement	A. Information stored in RAM can be changed by over writing it. B. Information stored in ROM can not be changed by over writing it. C. Information Can be stored in any location of RAM D. Computer main memory can be accessed only sequentially
489	A floppy disk is a _____ generation computer invention.	A. 1st B. 2nd C. 3rd D. 4th
490	In ADC the analog voltage signal is compared with the signal from a.	A. Pulse generator B. Flip-flop C. Stair case generator D. Register
491	Copyright are issued by the Federal Government to protect.	A. The pricing of software B. Intellectual property C. Textbooks only D. The author's identity
492	The following command is used is DOS for copying one of more files to another location.	A. BACKUP B. SAVE C. COPY D. None of these
493	In one were to allow 6 bits per symbol, then following number of different symbols could be encoded.	A. 16 B. 128 C. 32 D. 64
494	Electronic Numerical Integrator and Calculator belongs to the.	A. First Generation digital computer B. Second generation computer C. Third generation computer D. Fourth generation computers
495	To make a personal computer act like a terminal, which type of software must be used?	A. fax B. videoconferencing C. bridge D. emulation
496	Screen displays for video games and embellished photographic images involve the use of.	A. Bitmapped image editing B. Object oriented drawing C. Illustration software D. One of these
497	Which of the following does not provide a graphical user interface.	A. OS/2 B. MS-DOS C. Macintosh

		D. Windows NT work station
498	The abacus emerged in _____	A. Asia Minor B. Central Asia C. Europe D. America
499	In analog computers time scaling is done to make them operator .	A. fast B. Slowly C. In time delay mode D. Either fasts or slow
500	In the computer world the word digital mean information that in an.	A. Discrete units B. Units that can be counted C. Continous, smooth form D. a and b
501	The output impedance of an ideal operational amplifier is	A. Infinity B. zero C. 1 ohm D. 10 ohm
502	Which one of the following is extension of header file?	A. .CPP B. .DOC C. .h D. .inp
503	The memory area for programs with highest priority.	A. Frames B. Foreground C. Page table D. Dafault drive
504	Another name for an operating environment is.	A. Page B. Layer C. Shell D. Supervisor
505	The binary number 10011101 is equal to hexadecimal number	A. 9E B. 9F C. 9D D. FF
506	The main advantage of analog computers compared to digital computes is that they are more.	A. Efficient in continuous calculations such as differentiation and integration B. Efficient in handling vast data C. Accurate and precise D. Reliable.
507	Intersection of a row and column.	A. Active address B. cursor C. cell D. formula
508	The term"time slicing"need not apply to.	A. On line transacting processing. B. Batch processing C. Real time processing D. None of above
509	A digital computer performs its computations by_____	A. Mechanical means B. Analogy C. guessing D. Counting
510	In combines the desirable features of both analog and digital computer.	A. general purpose computer B. special purpose computer C. discrete computer D. hybrid computer
511	The sequential organization is most suitable for.	A. Master files in a batch processing environment B. Master files on direct access device C. Transaction files D. None of the abvoe
512	Which of the following statements concerning integrated circuits is false?	A. They made machines physically larger B. They are less prone to failure than vacuum tubes C. They provide faster electrical transfer than transistors D. They use less electrical power than their predecessors.
513	Architecture of modern computers is similar to a counting machine designed by.	A. Charles Babbage B. Neumann C. George D. John von Neumann



514	While database contains only facts, a knowledge base also contains.	<p>A. a system for determining and changing the relationship between facts.</p> <p>B. Rigidly organized categories</p> <p>C. A comprehensive dictionary</p> <p>D. All of the above</p>
515	Equal to, less than, and greater than are examples of.	<p>A. Logical operations</p> <p>B. Location</p> <p>C. Subtraction</p> <p>D. Arithmetic operation</p>
516	Which statement is used to retrieve data from database table.	<p>A. INSERT INTO</p> <p>B. DROP TABLE</p> <p>C. UPDATE</p> <p>D. SELECT</p>
517	A typical microcomputer has 64 K memory, It has 65,536 registers, each register storing 1 byte. Each register is called.	<p>A. Memory location</p> <p>B. Address</p> <p>C. Byte</p> <p>D. Word</p>
518	The technique in shared system that avoid interspersed printout from several programs is.	<p>A. Paging</p> <p>B. Queuing</p> <p>C. Slicing</p> <p>D. Spooling</p>
519	Violations of the rules of grammar of a programming language are called.	<p>A. Syntax errors</p> <p>B. Programming errors</p> <p>C. Translator errors</p> <p>D. Logic errors</p>
520	Computer user who are not computer professionals are sometimes called.	<p>A. Librarians</p> <p>B. Peripheral users</p> <p>C. Information officers</p> <p>D. End users</p>
521	A general trend in computer languages is an evolution towards.	<p>A. Machine language</p> <p>B. C</p> <p>C. Natural language</p> <p>D. Assembly language</p>
522	The rate of screen refreshment is called.	<p>A. Pixel speed</p> <p>B. Raster rate</p> <p>C. bit map speed</p> <p>D. scan rate</p>
523	Registers that collect the results of computations are.	<p>A. General purpose</p> <p>B. Main storage</p> <p>C. Storage Registers</p> <p>D. Accumulators</p>
524	An intelligent terminal is a terminal that.	<p>A. Translates intelligence for the business computer</p> <p>B. Uses a computer for organizing data</p> <p>C. Manages CPU in a sequential order</p> <p>D. Feed input or output</p>
525	Assembly languages, or symbolic languages , use	<p>A. Binary code</p> <p>B. Abbreviations for instructions</p> <p>C. Numbers</p> <p>D. English words</p>
526	Why do many companies use call-back security systems, in which the computer calls the user on the phone before allowing access.	<p>A. To identify user by voice recognition</p> <p>B. A check phone lines for modern taps</p> <p>C. To prevent unauthorized use stolen passwords</p> <p>D. Actually, call back systems are outdated.</p>
527	An assembly language uses.	<p>A. English words</p> <p>B. Mnemonic codes</p> <p>C. Os and Is</p> <p>D. Binary digits</p>
528	Ports that require bits to travel through one at a time are called _____ ports.	<p>A. Parallel</p> <p>B. Serial</p> <p>C. Network</p> <p>D. Open</p>
529	Some analysis suggest that telecommuting will become more popular with managers and	<p>A. Worker are forced to telecommute</p> <p>B. Managers finally give up the idea of controlling workers</p> <p>C. Multimedia Teleconferencing</p>

	workers when.	<p>C. Multimedia teleconferencing system become affordable</p> <p>D. Automobiles become outdated</p>
530	What is an expression in a computer programme?	<p>A. A combination of variables, constants and operators.</p> <p>B. A set of instructions</p> <p>C. A list of information</p> <p>D. none of these</p>
531	Which is not associated with the main memory of computer.	<p>A. Semiconductor memory</p> <p>B. Core memroy</p> <p>C. Read only memory</p> <p>D. Sequential memory</p>
532	What is the best reason for using a simulation to model long range movements of the Earth's continents?	<p>A. The speed of simulation</p> <p>B. Operator safety</p> <p>C. The simulation is less work</p> <p>D. Simulations are always accurate</p>
533	When all access and processing is done in one location, a computer system is said to be	<p>A. Networked</p> <p>B. Distributed</p> <p>C. Centralized</p> <p>D. Linked</p>
534	Charles Babbage set out to create a device that could carry out any calculation to twenty digits of accuracy called an	<p>A. Computer</p> <p>B. Analytical engine</p> <p>C. Calculator</p> <p>D. Mainframe</p>
535	Which of the following is associated with optics.	<p>A. Winchester</p> <p>B. RAM</p> <p>C. CD ROM</p> <p>D. None of these</p>
536	K Represents.	<p>A. 100010</p> <p>B. 210</p> <p>C. 102410</p> <p>D. 10002</p>
537	The factor not necessary for calculating the storage capacity of a disk is.	<p>A. Track density</p> <p>B. Recording density</p> <p>C. Diameter of the disk</p> <p>D. None of above</p>
538	Security protection for personal computers include.	<p>A. Internal components</p> <p>B. Locks and cables</p> <p>C. Software</p> <p>D. All of these</p>
539	The most widely available multi user operating system for workstations and academic micro computers today is.	<p>A. OS/2</p> <p>B. UNIX</p> <p>C. PC-DOS</p> <p>D. MS-DOS</p>
540	The decimal numbering system uses _____ digits	<p>A. Two</p> <p>B. Eight</p> <p>C. Nine</p> <p>D. Ten</p>
541	Operating systems.	<p>A. Communicate with peripherals</p> <p>B. Manage memory</p> <p>C. Coordinate concurrent processing of jobs</p> <p>D. Performs all of these tasks.</p>
542	FDDI is a.	<p>A. Ring network</p> <p>B. Star network</p> <p>C. Mesh network</p> <p>D. bus network</p>
543	What is likely to be the biggest obstacle to the advancement of computer technology in the next few years?	<p>A. Keeping hardware costs down.</p> <p>B. Finding new tasks for computers to do.</p> <p>C. Increasing the speed of software.</p> <p>D. Designing reliable software .</p>
544	The process of executing several programs simultaneously by the use of more than one processing unit is called.	<p>A. Multiprogramming</p> <p>B. Time sharing</p> <p>C. Multiprocessing</p> <p>D. Batch processing</p>
545	Tool to change PROM chips are called.	<p>A. Chip kits</p> <p>B. RAM Burners</p> <p>C. PROM Burner</p> <p>D. None of these</p>
		<p>A. C++</p> <p>B. Encapsulation</p>

546	The presence of both data and its related instructions in an object is.	B. Encapsulation C. Orientation D. Inheritance
547	Computer that are used to control temperature and humidity in buildings are considered to be.	A. Software B. Special purpose C. Non- programmable D. Analytical engines
548	The Acronym SILK represents.	A. The name of a new desktop computer with futuristic capabilities. B. One researcher's vision of the themes emerging in user interface technology C. The minimum qualifications of a software agent. D. A new type of multimedia software application
549	Program written to cause computers to function in a desired way are called.	A. Hard ware B. Instruction C. Software D. Algorithm
550	Machine language is a ..... language,	A. Low level B. High level C. Middle level D. None of these
551	Which one of these forms of storage does not retain information when the machine's power is turned off?	A. RAM B. ROM C. Floppy disk D. Har disk
552	The number ABC in Hexadecimal system is equivalent to which number in decimal system.	A. 2740 B. 1748 C. 2748 D. 3748
553	How many types or layouts of forms are available in MS-Access.	A. 2 B. 4 C. 5 D. 8
554	A chart that represents only one value for each variable.	A. Function B. Pie C. Line D. Bar
555	Research is bringing down the cost of solid state semiconductor storage , which me.	A. the cost computers will rise. B. Rewritable cards will probably replace most disks and ROM C. Storage capacity will become fixed D. We will conserve our store of silicon.
556	Smart cards.	A. Have a microprocessor and memory in them B. Are currently only used for checking and credit card services. C. a and b D. None of these
557	What is meant by the portion of the program that explains the program?	A. Manual B. Documentation C. Expression D. None of these
558	PIMs can be especially useful.	A. For people with busy schedules B. With laptop and notebook computers C. For people with many customers and clients D. All of the above
559	Programming and testing are elements of.	A. System analysis B. System development C. Implementation D. System design
560	The first few working computers.	A. Generally had back and white CRT screens B. Were, for the most part, developed for wartime uses. C. Were used almost exclusively for text processing D. Were all made by American scientists

561	Most worksheet include_____ at the tops of columns and at the edge of rows.	<p>A. Serials</p> <p>B. Addresses</p> <p>C. Locators</p> <p>D. Labels</p>
562	A modem can.	<p>A. Be used as a regular phone when needed</p> <p>B. Convert analog signals to digital signals</p> <p>C. Provide user interface with the operating system</p> <p>D. Only be installed inside th comuter chassis</p>
563	A CPU has	<p>A. Control unity consisting of program counter and instruction decoder, and arithmetic unit haivng accumulator.</p> <p>B. Bubble memory</p> <p>C. Visual display unit</p> <p>D. Auxiliary storage unit.</p>
564	The computer process Raw data into_____	<p>A. Number sheets</p> <p>B. Updates</p> <p>C. Paragraphs</p> <p>D. Information</p>
565	The computer term MIDI is a name for.	<p>A. A military informational display system</p> <p>B. A tool for creating many indiviual data interfaces</p> <p>C. A macintosh tool use to search for file IDs</p> <p>D. A standard interface for connecting computers and electronic musical instruments</p>
566	GUI stand for.	<p>A. Graphical User Interface</p> <p>B. Global User interface</p> <p>C. Graphical usage interface</p> <p>D. None of these</p>
567	Who Invented the modem?	<p>A. IBM</p> <p>B. DEC</p> <p>C. AT &amp; T information system, USA</p> <p>D. Apple computers Inc.</p>
568	A visually impaired person can read any book, even if it has not been recorded on audio tape, by using.	<p>A. A natural language processor</p> <p>B. A robotic device</p> <p>C. A talk writer</p> <p>D. Optical character recognition technology</p>
569	If users of different systems use programs with incompatible file formats, they need _____ to read and modify each other's files.	<p>A. An emulator package</p> <p>B. Data translation software</p> <p>C. File transfer softeware</p> <p>D. None of these</p>
570	Which of the following is a spreadsheet.	<p>A. MS-Word</p> <p>B. MS-Excel</p> <p>C. MS-Power point</p> <p>D. Both a and b</p>
571	The most common from of computer crime is.	<p>A. Stealing hardware</p> <p>B. Theft of money, goods, information, and computer resources</p> <p>C. Spying on other people in the network</p> <p>D. Writing viruses.</p>
572	Computer supported cooperative work is possible if.	<p>A. Groupware and telecommunications are available</p> <p>B. Workers have close proximity</p> <p>C. Workers live in the same time zone for interactivity to take place</p> <p>D. None of these CSCW is a futuristic ideal that, for the most part, hasn't been acknowledged</p>
573	The binary addition, (1+1) will result in	<p>A. 0</p> <p>B. 1</p> <p>C. 0 with no carry</p> <p>D. 1 with 1 carry</p> <p>E. 0 with 1 carry</p>
574	Steps wise refinement is similar to.	<p>A. The process of developing a table of contents</p> <p>B. The development of an outline of a paper</p> <p>C. Writing a program to calculate the area of a circle</p> <p>D. Writing a program to calculate the area of a circle</p>

		C. Writing an abstract after writing a paper D. Writing an introduction to a paper
575	BCD code is.	A. 4 bits code B. 5 bits code C. 6 bits code D. 8 bits code
576	One complement of 1011.010 is	A. 0100.101 B. 0100.101 C. 1011.101 D. 0100.010
577	Ergonomics is the study of.	A. Cost relationship between computer hardware and software. B. Different computer operating systems. C. Gradation of various computer professionals D. Human aspect of the environment around the computer system.
578	For creating and editing legal documents which application package would be most useful.	A. Spreadsheet B. Word processing C. Graphics D. Communication
579	Pick out wrong definition.	A. Access time -time needed to access the output B. EDP -acronym for Electronic Data processing C. COBOL - a language used for business I data processing D. Control unit-heart of a computer
580	Octal number system uses the digit 0 to 7. The equivalent of Octal 126 in decimal system is.	A. 80 B. 82 C. 84 D. 86
581	Data and instructions are put into primary storage by	A. Memory B. The control unit C. Secondary storage D. The ALU
582	The following registers, respectively are used for selecting an instruction , reading into the register, and interpreting.	A. Sequence, instruction, decoder B. Accumulator, storage, address C. Decoder, address, instruction D. Accumulator, address, decoder
583	A computer is capable of performing almost any task, provided that it can be	A. Coded B. Memorized C. Analyzed D. Reduced to series of logical steps.
584	The size of the printed characters is called.	A. Point size B. Word size C. Print size D. None of these
585	Steve Wozniak and Steve Job major contribution to the world of computers was.	A. popularizing the personal computer B. Developing the BASIC language C. Introducing the concept of computer assisted instruction D. Founding Microsoft
586	Authorization to make multiple software copies is called.	A. Pliggybacking B. Site licensing C. Savenging D. Copy protection
587	The purpose of intellectual property law is to.	A. Allow the creator to make money B. Justly reward mental labor C. Encourage innovation D. All of the above
588	The language named for a French mathematician is.	A. C B. Ada C. COBOL D. Pascal
589	A bus in which data transfer one place two another place is called	A. Data bus B. System Bus C. Control Bus D.  Address Bus

A. Instructions

590	Computer program consists of	<p>A. Instructions</p> <p>B. Both a and b</p> <p>C. Data</p> <p>D. Low level language</p>
591	10 -point Helvetica, 10-point Times, 10-point Avant Grade, and 10-point Zapf chancery are all examples of.	<p>A. serifs</p> <p>B. text justifications</p> <p>C. fonts</p> <p>D. pixels</p>
592	A complex system that can assume complete responsibility for a task without human input is called an.	<p>A. Independent weapons system</p> <p>B. Autonomous system</p> <p>C. Generated system</p> <p>D. Smart weapon system.</p>
593	CPU is divided into how many parts.	<p>A. 2</p> <p>B. 3</p> <p>C. 5</p> <p>D. 6</p>
594	Another name for an antivirus.	<p>A. Vaccine</p> <p>B. Worm</p> <p>C. Trojan horse</p> <p>D. DES</p>
595	Computer program consists of	<p>A. Low level language</p> <p>B. Both a and b</p> <p>C. Instructions</p> <p>D. Data</p>
596	A data arranged in intelligible form is called.	<p>A. Processed data</p> <p>B. Program</p> <p>C. Software</p> <p>D. Information</p>
597	Broadband fiber optic cables can simultaneously transmit.	<p>A. Telephone cells and television signals</p> <p>B. Two way computer communications</p> <p>C. Software and firmware</p> <p>D. a and b</p>
598	The type of computer that counts the number directly that represents numerals, letters, or other special symbols is called.	<p>A. Analog computer</p> <p>B. Digital computer</p> <p>C. Hybrid computer</p> <p>D. None of these</p>
599	The three essential components of any computer system are.	<p>A. Hardware and software network</p> <p>B. Hardware software application program</p> <p>C. Hardware software training</p> <p>D. Hardware software people</p>
600	A program that can identify unnecessary word and word phrase is called an.	<p>A. Pull down menu</p> <p>B. Headers</p> <p>C. block</p> <p>D. Halftone</p>
601	Natural languages are advantageous to programmers because they.	<p>A. Use words that people speak and write</p> <p>B. Eliminate the computers demand for technical detail</p> <p>C. Are less expensive</p> <p>D. Use the binary system</p>
602	Pocket electronic translators provide world travelers instant access to.	<p>A. Networks</p> <p>B. Common words</p> <p>C. Whole sentences</p> <p>D. Syntax</p>
603	Most modern word processors allow users to control the formats of .	<p>A. Individual characters</p> <p>B. Lines</p> <p>C. Paragraphs</p> <p>D. all of the above</p>
604	Pick out the wrong statement about modern computer systems.	<p>A. These are simple and easy to take care of</p> <p>B. Even beginners, untrained persons can safely handle them</p> <p>C. They require a highly disciplined approach</p> <p>D. It is important to understand the proper handling of each element and proper overall procedures must be followed</p>
605	The ability of an object to interpret a message using its own methods is called.	<p>A. Polymorphism</p> <p>B. encapsulation</p> <p>C. Inheritance</p> <p>D. ...</p>

		D. Messaging
606	The concept of relational model was created in?	A. 1945 B. 1964 C. 1955 D. 1970
607	The physical parts of a computer system are called.	A. Software B. Input C. Out put D. Hardware
608	Retaining data for future reference is called.	A. Sorting B. Storing C. Memorizing D. Outputting
609	The scope and true nature of the problems is determined during.	A. The second phase B. The preliminary investigation C. The system development D. The system analyst
610	Computer people who design, write, test, and implement programs are.	A. Programmers B. Computer operators C. Data entry operators D. System analysis
611	Charles Babbage workd closely with _____ to develop his device.	A. Ada Lovelace B. Joseph Marie Charles C. Herman Hollerith Jacquard D. Lord Byron.
612	Smart cards	A. Have a microprocessor and memory in them B. Are currently only used for checking and credit card services C. a and b D. None of these
613	Computer crime are usually	A. Easy to detect B. Prosecuted C. blue collar crimes D. Discovered accidentally
614	Computer follows a simple rule called GIGO,GIGO stand for	A. Good input, good output B. Great instructions, great output C. Garbage in , garbage out D. Gated input, gated output
615	During the development of a program, drawing a flowchart is a means. to	A. Plan to solution B. Code the program C. Define the problem D. Analyze the problem
616	You want to produce personalized form letters, so you sue the ____ capability of the word processor.	A. Sort B. Mail merge C. Style and grammar checker D. Desktop publishing
617	All of the following aspects of the writing process can be at least partially computerized with widely available commercial software except.	A. Organizing ideas B. Producing an index C. Checking for grammatical errors D. Checking for holes in the plot of a novel
618	COBOL and FORTRAN are examples of.	A. Machine languages B. High level languages C. Assembly languages D. Obsolete languages
619	Error reports are an example of.	A. Scheduled report B. On demand reports C. Exception reports D. External reports
620	What are the two main approaches to artificial intelligence?	A. IBM-PC /Macintosh B. Modeling human behavior/general intelligence C. Functional programming/object-oriented programming D. PC/Mainframe.
621	Document imaging system include.	A. Scanners B. Magnetic and optical storage disk drives C. Fax machines D. All of the above

622	97 <sub>10</sub> (decimal) in octal number system is equivalent to.	B. 140 <sub>8</sub> C. 139 <sub>8</sub> D. 141 <sub>8</sub>
623	If a disk can hold 800 K bytes of information . It can store a text file of about.	A. 800,000 words B. 800 words C. 800 megabytes D. 800,000 characters.
624	The name for the screen clarity is.	A. Resolution B. Discrete C. Pixel D. LCD
625	The most powerful computers are.	A. Super minis B. Super Micros C. Super mainframe D. Super Computers
626	Time scaling in analog computers is done to make them	A. Operate fast B. Operate slowly C. Operate in time delay mode D. Either operate fast or operate slowly
627	Software program designed to be managed, rather than manipulated by the user, are called.	A. Icons B. knowledge workers C. Enablers D. Agents
628	A chart of positions and departments within an organization .	A. A data flow diagram B. A project management report C. An organization chart D. A Gantt chart
629	Which one of the following is the main component of DBMS?	A. Application Program B. GUI C. IDE D. Database program
630	Spelling checker program use.	A. tab settings B. Pagination C. Function keys D. a dictionary
631	To reduce costs for multiple copies, or to remove restrictions on software copying and use at a network site, a company can sometimes purchase a .	A. Standard licence B. Site licence C. Net work licence D. b or c
632	People who prepare data for processing are.	A. Programmer B. Librarians C. Printers D. Data entry operators
633	Error in computer results could be due to	A. Encoding of data B. Transmission of data C. Manipulation of data D. All of the above
634	The command to transfer text to another location without deleting it from its original location is.	A. Scroll B. Copy C. Search D. Move
635	The highest level language are called.	A. 4 GLs B. High level C. Assembly D. Natural
636	Mainframe computers are capable of communicating with several users simultaneously by.	A. Using a terminal B. Using a supercomputer C. Using a workstation D. Time sharing
637	Which of the following are logical structures within an algorithm that maintain the order in which instructions are carried out.	A. Logic statements B. Program statements C. Control structures D. Data structures
638	An area that runs across the bottom of the Windows desktop is called.	A. Property bar B. Title bar C. System Tray D. Task bar
639	Which key is used for moving cursor to next field of table?	A. Ctrl B. Alt C. Tab D. Spacebar



640	How many pairs of computers can simultaneously communicate on Ethernet LAN.	A. 10 B. 12 C. 13 D. Multiple
641	Hashing , to get an address, is the process of applying a formula to a .	A. Key B. Record C. File D. Character
642	The main advantage of hexadecimal number is the ease of conversion from hexadecimal to .	A. ASCII code B. Binary C. Octal D. Decimal
643	Temporary storage areas within the CPU are called.	A. ROMs B. Registers C. Accumulators D. Addresses
644	A data coding scheme that is the American standard is.	A. ASCII B. KB C. SIMM D. Gigabyte
645	The switching circuitry housed in vacuum tubes was replaced by.	A. An integrated circuit, then a mini processor , then a microprocessor B. A transistor, then a microprocessor, then an integrated circuit. C. A microprocessor, then an integrated circuit, then a transistor D. A transistor, then an integrated circuit, then a microprocessor.
646	Which university built the first all electronic computer in late 1945?	A. University of portland B. University of California C. University of Pennsylvania D. University of Texas
647	Software to peruse the internet:	A. gate way B. EFT C. Browser D. Teleconferencing
648	SQL stand for.	A. Structure Query language B. Super Query language C. Superior Query language D. Selected Query language.
649	Why is it so difficult for computers to understand spoken natural language?	A. people tend not to leave clear pauses between their words B. Everyone's voice is different C. Computers don't know enough words D. All of the above
650	_____ can be used to transform photos and hand drawn images into documents that are readable by a computers.	A. Standard 35 mm cameras B. Scanners C. Charting D. Graphics
651	The following are all programming languages except for.	A. FORTRAN B. C C. Pascal D. MS-DOS
652	The length of IP address is.	A. 8 bits B. 16 bits C. 32 bits D. 64 bits
653	A Hybrid computer is the one having combined properties of.	A. Super and microcomputers B. Mini and microcomputers C. Analog and digital computers D. None of the above
654	The process of converting English-Like instructions to zero and ones is performed by.	A. The programmer B. The monitor C. The translator program D. Busses
655	The most widely used word processor for non GUI computers is the	A. MS-DOS version of Word B. MS-DOS version of Word perfect C. MS-DOS version of 1-2-3 D. Windows version of Word

656	POS terminals are similar to.	A. Calculators B. UPCs C. Cash register D. touch-tone telephones
657	Which of the following is associated with second generation computers.	A. Transistors B. Magnetic core memory C. High level procedural language D. All of above
658	Data items are generally classified into which type of codes	A. Numeric B. Alphanumeric C. Character D. All of the above
659	When users view and change values interactively while using a database, the process is referred to as.	A. Batching B. Real time C. High speed D. Just in time
660	In the paperless office of the future, it is predicated that.	A. Magnetic archives will replace file cabinets B. Electronic communication will replace memos and letters C. Information utilities will replace newspapers D. All of the above
661	A collection of related fields in data organizing is called.	A. Group B. Register C. File D. Record
662	Graphics and other paperwork can be transmitted directly using which technology?	A. CSMA/CD B. token passing C. face smile D. Bulletin board
663	Popular application of flip-flop are.	A. Counters B. Shift registers C. Transfer registers D. All of above
664	The history of first generation computers extends from 1945 to.	A. 1953 B. 1954 C. 1955 D. 1956
665	A program whose sabotage depends on certain condition is called a.	A. bug B. worm C. Vaccine D. bomb
666	Which of the following is not a category of network problems.	A. Newsgroup problems B. Physical problems C. Electrical problems D. Viruses
667	What layer of the OSI model does data compression?	A. Network B. Data Link C. Presentation D. Physical
668	The process of converting from analog to digital is called.	A. Modulation B. Line switching C. Telecommuting D. Demodulation
669	What are string constants?	A. A set of positive and negative numbers. B. A set of characters enclosed in quotation marks. C. Both of these D. None of these
670	The person who fills the role of change agent is the	A. System user B. System analyst C. Administrator D. client
671	Which of the following most accurately describe the hierarchical organization of a database.	A. Characters, files, records, bits. B. Files, fields, records C. Fields, records, files D. Database are organized hierarchically
		A. Jobs are eliminated B. New jobs are created

672	When computers are brought into the workplace.	C. Jobs are up skilled to accommodate the new technology D. Any or all of these can happen
673	Even though it is seldom used by professional programmers, this is probably the most widely used programming language in the world today.	A. BASIC B. COBOL C. Machine languages D. PASCAL
674	What is an advantage of object oriented graphics over bitmapped graphics?	A. It's faster B. It requires less processing C. It allows ahading of individual pixels D. Objects can be easily rearranged at any time
675	Soft ware that is designed to be used by work groups rather than individuals is called.	A. Multipurpose software B. Group ware C. Multi user software D. Shareware
676	Software that is designed to automate the creation of visual aids for lectures and demonstrations is called.	A. Presentation graphics B. visual representation C. Graphics reality D. Graphics automation
677	What is the best definition of hypermedia?	A. It is the processing of data at high speed B. It is the use fo animation to illustrate a subject C. It links huge amounts of data in virtually any pattern D. It is the use of satellites to ransfer data
678	A storage of binary digits treated as a unit is called.	A. bit B. Byte C. word D. character
679	An _____ is also defined as a set of mathematically meaningful symbols, letters and numbers.	A. Documentation B. Expression C. Programme D. none of these
680	Booting is a process in which	A. User programs are bought in memory B. I/O files are collected and organized on disk C. A portion of the operating system is loaded into memory D. None of the above
681	ROM store data	A. Direct B. Permanent C. Temporary D. Provisional
682	When a database stores procedures or instructions along with data, rather than in table sor hierarchies, it is called.	A. Query format B. User friendly C. Object oriented D. Graphical user interface
683	Electric spreadsheets are appropriate tools for all of the following except.	A. Developing financial models B. Answering what if questions C. Keeping student grade records for a class D. Spreadsheets are appropriate for all of these applications.
684	Stored instructions and data in a digital computer consist of.	A. Alphabets B. Numerals C. Characters D. Bits
685	Distributed, parallel computing systems,inspired by the structure of the human brain are called.	A. Kurzweil machines B. Speech synthesizers C. Neural networks D. Robots
686	When it comes to educational simulations, people believe.	A. that children learn best through exploration and invention. B. that games are no way to spend classroom time C. That simulations are no substitute for reality D. People believe all of these thing about educational simulations, whether they are true or not.

687	One Megabyte is equivalent to.	A. 2 <sup>10</sup> bytes B. 2 <sup>20</sup> bytes C. 2 <sup>30</sup> bytes D. None of these
688	An operating system used exclusively with the manufacturer's computer.	A. DOS B. Proprietary C. UNIX D. NOS
689	In computer science, by information we mean.	A. Any output coming out from computer B. Processed data put in intelligent form C. A report printed by computer D. Plural of data
690	Which of the following is decreasing as computer technology progresses.	A. Hardware reliability B. Efficiency C. Speed D. Hardware cost.
691	Error messages provided by a compiler are called	A. Bug B. Diagnostic C. Translations D. Mistakes
692	When a bank teller uses a computer terminal to know the balance in a customer's account it is an example of.	A. On-line updating B. Off line processing C. On line query D. On-line processing
693	Which of the following is termed as minimum error code?	A. Binary code B. Gray code C. Excess 3- code D. Octal code
694	Which one of the following is database management system.	A. MS Word B. Corel draw C. Power point D. MS Access
695	Electronic banking.	A. Token ring B. Mosale C. EFT D. BBS
696	Which SQL statements is used for changing the values of specified fields?	A. Update B. Select form C. Delete form D. Insert into
697	A computer can be defined as an electronic device that can .	A. Carry out arithmetic operation B. Carry out logical operation C. Do complicated calculation D. Accept and process data by implementing sequentially a set of stored instructions.
698	People on a LAN can share.	A. Printer B. CD-ROM disk drive C. Modem D. All of above
699	What layer of OSI model does data compression?	A. Network B. Presentation C. Data link D. Physical
700	Window is a product of.	A. AT & T B. Corel C. Microsoft D. None of these
701	Time sharing of resources by users is usually	A. Based on time slices B. Based on input C. Event driven D. Operated by spooling
702	The benefits of using a database include all but one of the following.	A. Easier to retrieve information quickly and flexibly B. Easy to organize information C. Easy to print and distribute information D. Easy to protect privacy of data
703	All of the following are input devices except	A. A digital camera B. A mouse

703	All of the following are normally input devices except for	C. An LCD D. A digitizer
704	In Multiprogramming, the process of confining each program to certain defined limits in memory is called.	A. Spooling B. Time sharing C. Program scheduling D. Memory protection
705	A memory chip has 1 K bytes of memory. What is the highest available memory address in the octal system.	A. 1023 B. 1777 C. 7777 D. None of these
706	A computer crime in which money is embezzled in small amount over time is.	A. The salami technique B. The Trojan Horse C. Blue collar crime D. Data diddling
707	What is meant by the names or labels used to represent values that are used in a BASIC programme.	A. Constants B. Variables C. Characters D. None of these
708	First generation computers were characterized by the use of the .	A. Microprocessor B. Vacuum tube C. Transistor D. Integrated circuit
709	A collection of software that controls the overall operation of a computer is called.	A. Application software B. Programming language C. Operating System D. System software
710	In a spreadsheet program an _____ typically appears on the screen as a grid of numbered rows and alphabetically lettered columns.	A. Cell B. Address C. Location D. Worksheet
711	What is the Turing test?	A. A spreadsheet cross-check B. A test for machine cognition C. A database selection rule D. A test for electronics reliability
712	A control structure used to make logical decision is the	A. Sequence control structure B. Selection control structure C. Repetition control structure D. a and b
713	A COBOL program has how many divisions.	A. two B. four C. five D. seven
714	This spreadsheet capability not only allows for easy correction of errors, but also makes it easy to try out different values while searching for solutions.	A. Automatic recalculation B. Replication of values C. Predefined function D. Linking
715	The time between the user's request and the computer's reply	A. Concurrent time B. Response time C. Allocation time D. Event time
716	What is the name of the process of finding and removing errors from a computer program?	A. Scanning B. Refreshing C. Debugging D. None of these
717	A program is well structured if.	A. It is made up of logically cohesive modules B. The modules are arranged in hierarchy C. Its straightforward parts are readable D. All of the above
718	Text information in a cell.	A. Label B. formula C. value D. cell address
719	To be computer literate, it is not necessary for you to know.	A. How to program a computer B. How to use a computer C. What computer can and can't do D. How to repair a computer
720	The program that contains instructions to operate a device is called.	A. Device driver B. Device linking C. Device operator D. Device system

721	The different memory locations are identified by hexadecimal numbers called.	A. ASCII code B. Bytes C. BCD Numbers D. Addresses
722	The preliminary investigation of a systems project is also called.	A. Analysis survey B. System design C. Feasibility study D. Evaluation
723	Real time computing is possible because of the following number of storage locations.	A. Storage capability B. High speed C. Accuracy D. Versatility
724	Instructional software is often referred to as	A. Eduware B. Courseware C. Firmware D. School ware
725	A word processor can be used to.	A. Write text B. Edit text C. Print text D. All of above
726	Information travels between components of a computer through groups of wires called.	A. Cards B. Busses C. Slots D. Ports
727	In multiprogramming, two or more programs can be executed.	A. By optimizing computer B. With two computer C. Simultaneously D. Concurrently
728	Formula can be applied on:	A. Values B. Labels C. Unmerged cells D. None of the above
729	Software to use the internet is.	A. Gateway B. EFT C. Browser D. Teleconferencing
730	The types of modulation that changes the height of the signal is called.	A. frequency B. phase C. amplitude D. Prophase
731	In preparing a program, desk checking and translation are example of.	A. Coding B. Planning C. Testing D. Documenting
732	Types of software that can be freely distributed without violating copyright laws are called.	A. Shereware B. Public domain C. Copy protected D. a and b
733	Which of the following is not considered a benefit of telecommuting.	A. Reduced use of fossil fuels B. Saving the time usually spent commuting C. Reduced social contact D. Increased productivity
734	The ENIAC, using ABC principles, wea designed by	A. Charles Babbage B. Bell Laboratories C. John V. Atanasoff D. Mauchly and Eckert
735	A program written when the programmer is employed by an organization is owned by	A. The programmer B. no one C. The organization D. The state
736	IBM-1401, CD(C) 6600, IBM-7030 ect. belong to the	A. First Generation computer B. Second generation computer C. Third generation computers D. Fourth generation computers
737	The widely used code in data communication is.	A. A bit ASCII B. 7 bit ASCII C. EBCDIC D. None of these

738	A computer has a word length of 32 bits. The maximum address that can be generated is.	B. $2^{32-1}$ C. $2^{31-1}$ D. None of these
739	Provides direct access to any byte on the chip	A. RAM B. ROM C. Cache RAM D. Operating System
740	Computer class rooms.	A. Improve memorization skills, but provide no help with learning analytical skills B. Decrease school budgets by replacing teachers. C. Allow students to work at their own pace D. Improve student analytical skills, but provide no help with creative work
741	Each location in primary storage is assigned a unique.	A. Data B. field C. Name D. Address
742	The differential equations are solved by.	A. analog computers. B. Digital computers C. Differential machine D. Both analog and digital computers.
743	Managers can use _____ to help them with planning, staffing, directing, and controlling organizations, but can suffer the possibility of _____.	A. Virtual reality/algorithm overload B. Database management system/de-skilling C. Computer monitoring/deskilling D. Management information system/information overload
744	The number A9D in Hexadecimal system is equivalent to which number in octal system.	A. 5235 B. 5335 C. 5135 D. 5233
745	In which processing method any file record can be directly located and updated without the need to read preceding file records	A. Batch B. Serial C. Random D. sequential
746	_____ are the computers designed for complex scientific job.	A. Mainframe computers B. Mini computers C. Micro computer D. Super computers
747	What is the standard method of allowing only known and authorized users on a multi user computer system.	A. Identification by fingerprints. B. Passwords and or login name C. Expert systems D. voice recognition
748	Compu serve is an example of an	A. Information utility B. On line database C. Shareware D. Public domain
749	The out put of a sequential circuit depends upon.	A. Percent input B. Past inputs C. Both a and b D. None of a and b
750	The major components of modern computer are.	A. CPU B. Main Memory C. I/O units D. All of the above
751	During E-time the ALUThe heard of a digital computer is.	A. Control unit B. Memory unit C. Logic unit D. Visual display unit
752	An example of a high level language is.	A. DOS B. An algorithm C. FORTRAN D. An assembler
753	A conceptual error in a program is a/an	A. Logical error B. Execution error C. Syntactical error D. None of these
754	The world today is experiencing the _____ revolution	A. Technology B. Agricultural C. Information

		C. Information D. Industrial
755	Information travels between components of a computer through groups of wire called.	A. Cards B. Busses C. Slots D. Ports
756	At the beginning of the instruction cycle, the contents of the instruction Register specify.	A. Operand for the instruction being executed. B. Instruction itself C. Operand for the instruction to be executed next D. None of the above
757	A device that connects multiple nodes to the network is.	A. A modem B. A repeater C. A router D. A hub
758	Charles Babbage set out to create a device that could carry out any calculation to twenty digits of accuracy called a.	A. Computer B. Analytical engine C. Calculator D. Mainframe
759	Program that serve as tools for performing systems maintenance are called.	A. Utility programs B. Application program C. Translator program D. Assembly language programs
760	A group of characters that are treated as a single entity.	A. bit B. byte C. word D. address
761	A basic operation performed by a computer is.	A. Arithmetic operation B. Logic operations C. Storage and retrieval operations D. All of above
762	One safeguard against theft or alteration of data is the use of .	A. DES B. Identical passwords C. The trojan Horse D. Data diddling
763	Another name for a logic chip is.	A. PROM B. ROM C. Memory D. Microprocessor
764	The accuracy of analog computers as compared to digital computer is.,	A. More B. Unpredictable C. Less D. Nearly same
765	Software which coordinates hardware operations and does the behind the scenes work that a computer user seldom sees is called.	A. A translator program B. An application program C. A database D. Systems software
766	Computer ENIAC was built in:	A. 1935 B. 1939 C. 1941 D. 1945
767	UNIX is an example of a	A. Memory management B. Generic operating system C. NOS D. Utility program
768	The _____ command moves text from one document to another.	A. Cut and paste B. Format C. Search D. Replace
769	Phase one of a system project involves.	A. A system survey B. Data gathering C. A system analysis D. questionnaires
770	Which menu contains the new command?	A. File B. Edit C. Tools D. view
771	A clip-on identification card with an embedded chip to signal its wearer's location.	A. Antivirus B. Active badge C. Site license D. Consortium



772	The number 10000 would appear just immediately after	A. FFFF (hex) B. 1111 (binary) C. 7777 (octal) D. All of above
773	The form of computer assisted instruction known as drill and practice.	A. Helps students learn to think in ways that aren't possible otherwise B. Does Not help students learn to think, but helps students memorize facts and skills C. Doesn't help students learn to think better or to memorize facts and skills, in fact, it's nearly worthless D. Allow students to program computers with easy-to understand languages.
774	A built in number that identifies a location in storage.	A. Character B. word C. byte D. address
775	How many pairs of computers can simultaneously communicate on Ethernet LAN?	A. 1 B. 2 C. 3 D. Multiple
776	Which of the following is a major benefit of drill and practice computer assisted instructions	A. Students who use CAI develop their social skills B. There is immediate feedback for the student C. All students can learn at the same, fixed pace none of the above. D. None of the above
777	Computer that used transistors by transferring electricity across a resistor were considered to be.	A. First generation B. Second generation C. Third generation D. Fourth generation
778	Present day of computers in research labs can.	A. Recognize some forms of natural language input B. Create artistic drawings C. Learn D. All of the above
779	Microwave transmission, coaxial cables, and fiber optics are examples of.	A. modems B. communication links C. gateways D. ring network
780	A set of electronic signal pathways that allows information and signals to travel between components inside or outside of a computer is called.	A. Data Bus B. System Bus C. Control Bus D. Expansin Bus
781	Historically, the first computer were use for.	A. Text processing B. Data storage C. Simulation and modeling D. Arithmetic calculations
782	One problem with high-tech weapons is that.	A. they have become too large to store securely B. they reduce the amount of time people have to make life and death decisions. C. When people try to control them manually, they are unpredictable D. There is no problem with high tech weapons.
783	The "what you are" criterion for computer system access involves.	A. a badge B. biometrics C. a pass word D. a magnetized card
784	One of the advantages of electronic mail over the telephones for short communications is that.	A. E-mail is secure against wiretapping B. E-mail demands the immediate attention of the recipient C. E-mail systems cost less than phone systems D. E-mail does not demand the immediate attention of the recipient
785	The entire computer system is coordinated by.	A. The ALU B. The accumulator C. The control unit

		<p>C. The control unit</p> <p>D. Arithmetic operators</p>
786	A cross between a computer language and plain English is called.	<p>A. COBOL</p> <p>B. Assembler</p> <p>C. Algorithm</p> <p>D. Pseudocode</p>
787	Cubiling on a linear bus topology can be extended using which of the following.	<p>A. Terminator</p> <p>B. Barrel connector</p> <p>C. Network adapter card</p> <p>D. Medium attachment.</p>
788	An analog computer can be worked directly with	<p>A. Magnetic tapes</p> <p>B. Punched card</p> <p>C. Magnetic disk</p> <p>D. None of the above</p>
789	Memory capacity may be expresed in .	<p>A. Microseconds</p> <p>B. Kilobytes</p> <p>C. Bits</p> <p>D. Cycles</p>
790	What is a major problem of using computer in education?	<p>A. The students can't work at their own pace</p> <p>B. Creativity is eliminated by computers</p> <p>C. The lack of teacher training</p> <p>D. The students must work without a teacher</p>
791	A specialist who interviews and observes an expert and constructs their words and actions into a knowledge base is called a.	<p>A. Knowledge trainer</p> <p>B. Knowledge engineer</p> <p>C. Knowledge gatherer</p> <p>D. Knowledge expert</p>
792	Computer prepared art.	<p>A. cell</p> <p>B. clip art</p> <p>C. analytical</p> <p>D. range</p>
793	What does the acronym ISDN stand for?	<p>A. International Services Data Network</p> <p>B. Intelligent Services Digital Data Network</p> <p>C. Integrated Services Digital Data Network</p> <p>D. Interactive Services Digital Data Network</p>
794	Storing records one after another in a file in an ascending or descending order determined by the record keyis called.	<p>A. Sequential processing</p> <p>B. Serial processing</p> <p>C. Batch processing</p> <p>D. All of the above</p>
795	During E-time the ALU	<p>A. Examines the instruction</p> <p>B. Enters the instruction</p> <p>C. Executes the instruction</p> <p>D. Elicits the instruction</p>
796	Implementation of a program involves.	<p>A. Compilation of the program</p> <p>B. Debugging the program</p> <p>C. Testing the program with data</p> <p>D. All of the above</p>
797	Personal computer that can use software designed for the IBM PC are called.	<p>A. Cores</p> <p>B. emulators</p> <p>C. Clones</p> <p>D. tubunded</p>
798	Four digit binary number 1011 is represented in the decimal system by.	<p>A. 13</p> <p>B. 7</p> <p>C. 9</p> <p>D. 11</p>
799	A string of letters and numbers known only by the user and the computer is called a	<p>A. Login Name</p> <p>B. Command</p> <p>C. Password</p> <p>D. Code</p>
800	Control unit is the part of	<p>A. ALU</p> <p>B. CBT</p> <p>C. CPU</p> <p>D. None of these</p>
801	A terminal program which allows a personal computer to function as a terminal is called an	<p>A. UNIX</p> <p>B. Modem</p> <p>C. Utility</p> <p>D. Emulator</p>

802	An analog computer produces its results in the form of .	A. Codes '0' and '1' s B. Numbers C. Log format D. Graphs
803	What is query	A. Question or inquiry B. Answer C. Command D. Form
804	The weakest link in any computer system is the	A. People in it B. Hardware C. Password D. Software
805	In C language , how many types of loop statements are available.	A. 2 B. 3 C. 6 D. 9
806	The software that allows the user to manipulate photographs and other higher resolution images is called.	A. Analog camera B. CAD C. FAX D. Digital image processing software
807	The ability of an object to interpret a message using its own methods is called.	A. Polymorphism B. encapsulation C. Inheritance D. Messaging
808	The process of identifying objects and shapes in a photograph, drawing, or video is called.	A. Optical Character recognition B. Image analysis C. Robotics D. Synthesis
809	A computer derives its basic strength from	A. Speed B. Accuracy C. Memory D. All of above
810	The major operational problem of the early first generation computers was.	A. Inaccurate results B. Poor reliability C. Delayed results D. Limited capabilities
811	Which of the following is an e-mail client?	A. Internet explorer B. Outlook explorer C. Google D. None of the above
812	A set of rules for the exchange of data between a terminal and a computer or between two computers is called.	A. Modems B. Protocol C. bps D. Transmissions
813	How many types of modems are available in the market?	A. 2 B. 3 C. 5 D. 6
814	A secret word or numbers to be typed in , on a keyboard before an activity can take place are called.	A. Biometric data B. Data encryption C. Password D. Private work
815	INSERT INTO statement is used for.	A. Retrieving record B. Adding new record C. Changing values D. Deleting record
816	The term 'word' in computer terminology refers to.	A. Bit formed into groups B. Coded instructions C. Memory size D. Language used
817	Categories of database systems are	A. 4 B. 7 C. 6 D. 9
818	Which of the following circuit is known as half adder?	A. Exclusive and circuit B. Flip-Flop circuit C. Inclusive or circuit D. Exclusive or circuit
819	Pixel depth is one of two technological factors limiting an artist's ability to create realistic images with a bitmapped graphics program. The other factor is.	A. Imaging B. Resolution C. Pixel strength D. Monitor measurement

820	Spreadsheet program that include macro capabilities.	<p>A. Can automate repetitive spreadsheet construction tasks</p> <p>B. Are necessary for block modeling</p> <p>C. Are necessary to create work sheets with linked cells</p> <p>D. Aren't possible in a mouse based graphic user interface.</p>
821	A LAN is a combination of.	<p>A. Network adapter cards</p> <p>B. LAN Cables</p> <p>C. LAN Application software</p> <p>D. All of above</p>
822	Prewritten standard file handling programs are called.	<p>A. Pull down menus</p> <p>B. Pages</p> <p>C. Supervisors</p> <p>D. Utilities</p>
823	The factors contributing to static errors in analog computer are.	<p>A. Finite amplifier gain and dielectric absorption in capacitors.</p> <p>B. Amplifier fall off and phase shift at high frequency</p> <p>C. Shunt capacitance of input or feed back resistance and leakage resistance of input or feedback capacitance.</p> <p>D. Drift voltage into the amplifier and current into the amplifier input and incorrect values of input and feedback impedance.</p>
824	An engineer who uses a mathematics processor to test the stress capacity of a bridge is.	<p>A. Putting live sin danger</p> <p>B. Modeling</p> <p>C. Vizualizing</p> <p>D. Calculating</p>
825	A computer can't do anything without	<p>A. Program</p> <p>B. Input Device</p> <p>C. Output Device</p> <p>D. VDU</p>
826	The first computer to use electrical power was developed by	<p>A. Herman Hollerith</p> <p>B. Thomas J. Watson</p> <p>C. John V. Atanasoff</p> <p>D. Howard Aiken</p>
827	One particular use for the abacus is teaching children simple mathematics and especially.	<p>A. Addition</p> <p>B. Subtraction</p> <p>C. Multiplication</p> <p>D. Division</p>
828	Computer performs following operation on data.	<p>A. Storage/retrieval</p> <p>B. Calculation</p> <p>C. Logic/comparison</p> <p>D. All of the above</p>
829	Why is Blaise Pascal (1623-1662) considered a pioneer in computers?	<p>A. He developed the pascal programming language</p> <p>B. He invented a working adding machine</p> <p>C. Because of his writings on faith and mysticism</p> <p>D. Pascal is not considered a computer pioneer</p>
830	DOS is an abbreviation for.	<p>A. Disk operating signal</p> <p>B. Disk operating system</p> <p>C. Digital Operating system</p> <p>D. Distributed operating signals</p>
831	A virus that replicates itself is called is	<p>A. Bug</p> <p>B. Worm</p> <p>C. Vaccine</p> <p>D. Bomb</p>
832	Logical security for on line systems is achieved primarily by_ and authorization codes.	<p>A. MIS</p> <p>B. Passwords</p> <p>C. Tactical</p> <p>D. None of the above</p>
833	The concurrent processing of computer program via terminals on one computer system is an example of.	<p>A. Realtime processing</p> <p>B. Time sharing</p> <p>C. Interactive processing</p> <p>D. All of the above</p>
834	Which of the following is not component of telecommunications?	<p>A. Sender</p> <p>B. Office device</p>

834	which of the following is not component of telecommunications?	C. Medium D. Receiver
835	A large, room sized computer is referred to as an	A. Microcomputer B. Main frame C. Embedded comptuer D. Workstation
836	The use of computers to create, view, edit, store, retrieve, and print text materials is called.	A. Word processing B. Line printing C. Data processing D. typing
837	A computer can be linked to the internet through.	A. A phone line modem B. DSL C. Cabel modem D. All of the above
838	You are going to create a simple worksheet in a spreadsheet program showing project expenses for a college student's fall term. The first step would probably be to.	A. Type labels B. Type formula C. Create a chart D. Perform calculations
839	The general purpose processor on chip is otherwise known as the	A. ENIAC B. Microcomputer C. Pocket calculator D. Microprocessor
840	The emerging standard for programming complex queries in a database is called.	A. SQL B. COBOL C. 1-2-3 D. Word perfect
841	PDP-5,PDP-9,IBM-360 series and IBM-370 series belong to the	A. First generation computers B. Second generation computers C. Third generation computers D. Fourth generation computers
842	The most common output of computer tax calculation would be:	A. Taxes owed B. Deductions C. wages D. Number of exemptions.
843	In time division Multiplexing	A. Time is doubled between bits of a byte B. Time slicing at CPU level takes place C. Total time available in the channel is divided between several users and each user is allotted a time slice D. None of these
844	The analog computer deals directly with	A. Number of pulses B. Measured values of continuous physical magnitudes C. Signals in the form of 0 or 1 D. Signals in discrete values from 0 to 9
845	Mark sensing is another term for	A. MICR B. OMR C. POS D. VGA
846	IBM's system family of computers was introduced during the .	A. First generation B. Second generation C. Third generation D. Forth generation
847	Historically, the first computer were used or.	A. Text processing. B. Data storage, C. Simulation and modeling D. Arithmetic calculations.
848	In preparing a program, one should first.	A. Plan the solution B. Code the program C. Document the problem D. Define the problem
849	In developing a program, documentation should be done.	A. as the last step B. Throughout the process C. Only to explain errors D. Only during the design phase
850	The focus of the fifth generation is .	A. Connectivity B. Symbolic languages C. Silicon D. Memory chips

851	A flip-flop is a	A. monostable device B. bistable device C. astable device D. oscillatory device
852	The instructions that tell the computer what to do are called	A. Software B. Output C. Hardware D. Telecommunication
853	Data is represented on a computer by means of a two-state on/off system called.	A. The otcal system B. The binary system C. A word D. ROM
854	An address location holds _____ data item at a time.	A. one B. new C. word D. discrete
855	Excel is a/an	A. Word processor B. Operating system C. Spreadsheet D. None of these
856	Corel Daaw is a/an	A. Word processor B. Operating system C. Graphics/drawing software D. None of these
857	_____ means rearranging of data in a sequence.	A. Editing B. Updating C. Batching D. Sorting
858	The hyper card program might be most appropriate for dealing with which of the following projects ?	A. Typing traditional terms papers B. Creating an interactive newsletter C. Mail merging junk mail D. Writing parallel programs
859	A group of related characters that are treated as a single unit is called.	A. data B. Information C. Field D. Record
860	Most spreadsheet will allow you to careate_____ between worksheets, so when values change in one the others are updated automatically.	A. Templates B. Macros C. Links D. None of these
861	In computer terminology,the term wetware stand for .	A. Artificial intelligence B. Any organic intelligence C. Molecular biology D. Molecular scale computer
862	The computer"therapist" ELIZA is an example of what branch of artificial intelligence?	A. Natural language programming B. Robotics C. Automatic programming D. Searching
863	True color is photo quality and typically uses _____ bits of memory for each pixel on the screen.	A. 2 B. 4 C. 24 or 32 D. 8 or 6
864	Idea processors take a variety of forms, but most are built around this concept.	A. Writing B. Reading C. Processing D. Outlining
865	What the control unit gets an instruction it is called.	A. E-mail B. Machine time C. I-time D. ALU time
866	Phase one of a system project involves	A. A system survey B. Data gathering C. A system analysis D. Questionnaires
867	The preliminary investigation of a system project is also called a.	A. Analysis survey B. Systems design C. Feasibility study D. Evaluation
868	The SDLC is defined as a project involving.	A. two phases B. Four phases C. Three phases D. Five phases

D. Five phases

869	When a user posts software on a BBS for others to use, the process is called.	A. Uploading B. Offloading C. Downloading D. Copying
870	Flat-Panel displays and solid state storage devices are.	A. Rapidly improving because of intensive industry research B. Ideal that aren't expected to become products. C. Futuristics devices only seen on Star Trek D. a and c.
871	Raw data is processed by the computer into	A. Number sheets B. Updates C. Paragraph D. Information
872	The secret words or numbers to be typed in on a keyboard before any activity can take place are called.	A. Biometric data B. Data encryptions C. Passwords D. Private words
873	According to Alan Kay's for rules for predicting the future, how long does it take for new technology to go from the research lab to the market place?	A. About six months B. About three years C. About ten years D. About a generation
874	What is the main difference between a local area network and wide area network .	A. LAN and WAN use different protocols B. the distance over which they operate C. LAN is digital, WAN is analog D. There is no difference
875	Who is regarded as the Father of computers.	A. John Napier B. Pascal C. Charles Babbage D. Hollerith
876	A digital computer performs its computations by.	A. Mechanical means B. Analogy C. Pressing D. Counting
877	A general purpose program or system of program that can manipulate data in a large collection of files is called.	A. Data base management system B. Data base security system C. File manager D. Data base multiple platform system
878	The branch of computing that attempts to make the computer exhibit imagination and insight is called	A. Artificial intelligence B. Multimedia C. Hypermedia D. Computer graphics
879	Diodes are used in analog computer circuit as	A. Phase shifter B. Rectifier C. Binary logic D. Limiter
880	the general purpose processor on chip is otherwise known as the .	A. ENIAC B. Microprocessor C. Pocket calculator D. Microprocessor