COMPUTER

Class - Notes

ENGLISH MEDIUM

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System: - when two or more than two Intervietated lompoents are connected to each other two achieve a Common objective.

Consists of many components known as physical component.

Computer woord is derived trom English languague woord "COMPUTE" means to Calculate.

→ father of computer is "charles Babbage."

* Computer system à consister of Hayor tour Components.

LUXBRALLER

"-COMPUTER - SYSTEM"

Components :-

1. Input Unit :- Thuough which data and Instruction are Provided in a system.

Note: -, Any erano fact and figure Entered in a Computer is proven as data.

-> An Information under process is also known as data.

-> An unorgained Collection of Enformation is also known as data.

Pubut > Processing -> output unit [Data Instruction]

[Juformation]

Processing vuit :- It is susponeable to analyse, interpret and execute almost all furtounction provided in a system.

3. out-bût wait: It is responsible to provide output provided, by a system in the form of information.

NOTES- Product of data is known as information. Information is organized collection of dater.

4. Hemony storage vuit :- It is the place where data.

Instruction and program are entained

for temporary or permanent manner.

* Defination of Computer System:-

computer system is an electronic data processing device, voluien reclives data and firstametions as supert. process it. with processor and provides of P in the torm of information displayed on off devices.

* Parts of Computer 6-Any Physical Components of a Computer system is known as naudwane and extremally Connected devices are known as perspherical devices.

1. C.P.V. [Centeral Processing buil] ?-

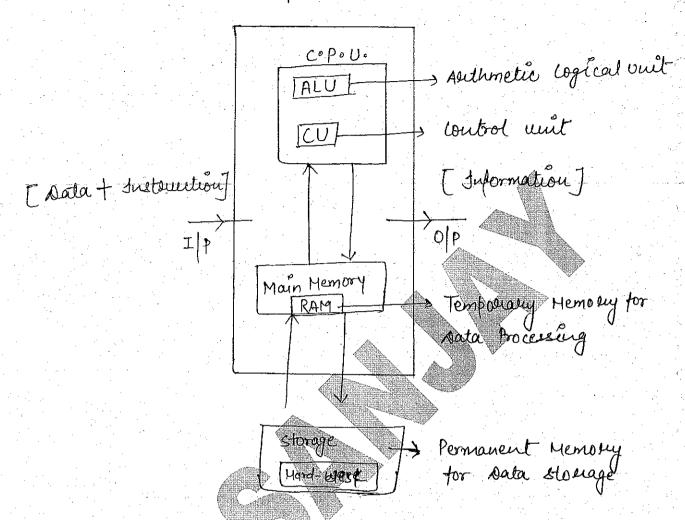
-> Also known as processor, Microprocessor and Brain of

-> Føst lutroduced in Pourte Generation of Computer with Micro-Computer.

-> First Nicro-processor la developed by Jutel-looporation Pu 1970 Named as Jutel-4004. It is made - up of vilion luteg hated on Mother board.

It is susponsible to execute all sustaintions of

a system.



of C.P. U. &

Two main Components of C.P.O. auc: -

I ALU

II. CU.

2. cv. :- Control vuit:- Tuis part of c.p.v. is useponeible to control and co-oudlinate all activities of a system.

A-part from sure c. P. V. have:

- 1. Register :- A Tempoliary memory component to hold wata, Justomation and address while executing any operations.
- 2. System clock :- Responsible to provide clock bulse through which C. P. U. process wata in a system.
- OTE:
 -- All the Components of lyttem unit futuract and

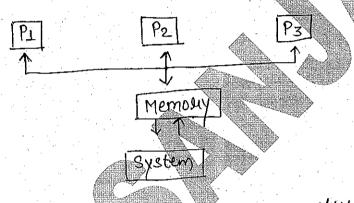
 transfer sata through "BUS."

 Therefore address
 - -> Program Counter il suspensible to provide address of next instructions to be execusted
- St. Functions of C.P. U. ..
 - i) Data Fetch's The process of Retrival of Data from main memory to control west.
 - ii) Execute : 6 Pentormed by ALU to execute or complete functions provide by Control unit.
 - iii) Décode: Performed by Control unit, to décode Accembly furteuntions to machine code
 - (v) voulte Back: To write Data luto memory for further
- * Factors responsible to l'ucrease speed of C.P.U.
 - i) word (eight? The no. of words processed at a fine by processor.

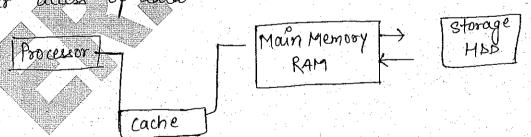
ii) System clock: - It provides clock pulse to execute instructions and process Data.

speed of computer is measured in CIHZ [Hertz] and processing power is measured in MIPS. [Hillians Instruction per second]

8. Multiprocessing / Panallel Processing 8- The process of using mone than one processor at a time to execute multiple process simultaneously.



14. Cache Memory :- of is a type of memory which is between CPU and Main Memory to Provide faster access of data:



Memory | Storage: - Assa where data, instruction and programes are extained for processing and data storage. Hored in permanent manner is known as storage.

Memory is classified into two parts:-

Suternal Memoly Primary Memoly [used for data Processing]

External Recordary
Hemory [used for data storage]

> Non-Volatile Memory

ROM [Read only Memory]

1. Internal Memory :-

puimary | main | semi-conductor / core-Memory

Volatile Memory RAM

[Random Access Memory]

S-RAM (static-RAM)

D-RAM (Dynamic

RAM

Puogerammakle Kead only Hemoly

PROM

E-PROM

EE-PROM

Electria

ETPROM

Enasable

Puoguamniable Redd only

Memory

also lenouver as Registers and Cache Hemory are Sutainal Memory which behaves likes volatile.

1. Pour navy memory :- st is the memory le volich data see loaded before execution.

It is of two types:-

Volatile Memory 8- Data Retain lu memory till power lupply is on.

RAM is a volatile Memory beause data processed for RAM is loss when power supply is off for RAM can be classified but two types it

1: S-RAM? - [Static Random Access Memory]

-> S-RAM doesn't enquire to majorest data Continously
and due to this property It is faster than s-RAM.

2. D-RAM :- [Dynamic - Random Access Menory]

b-RAM is reflected by processor Continously
thousand of times he a minute and due to this

property it is slower than 3-RAM.

NOTE: S-RAM and D-RAM both are volatile in Notwie

Non-Volatile Memory:

ROM [Read Buly Memory]:- Also busion as

Non-Volatile ou Permanent memory of combuter.

Some Instauction and Programe are Stored while manufacutaing a System. It is fut equated microchip on Mother-Board.

(5)

1. BIOS:- Basic Ruput-output system. Puogoian responsible to boot a system.

NOTE:- The process of stanting a system is known af booting.

There are two types of Booting 6a) told | soft booting 6- when a system is on when it is completely closed.

B) warm | not | nand Booting: - when a system is nestant on nebooted.

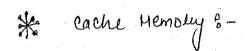
A Roy can be categorised luto there types 6-

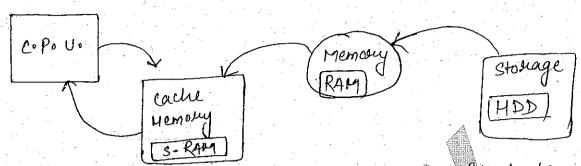
1. P-ROM :- Parogrammable Read only Memory 8-In this type of Rom Perogram once woulten never be charged.

3. E-PROM: - Enasable - Pergerammable Read only Memory: -Ju this type of Rom, Perogenam once written is Changed with the help of "vittera - violet" lays.

J. EE PROM: - Electrically Errasable Programmable /
Read only Memory

Ju this type of Rom, Perogram once written is
changed with the help of Electric pulses.





- -) It is a type of high speed memory to provide faster accessed of data.
- It lies b/w c.p.v. and Parimary Memory.
- nost executly used data is processed in cache 20 that processor can process data lu paster manner.
- volatile lu nature béaute & Rom le med for this memoly.
 - * Viortual Memoling:-
 - -> This type of Hemoty is provided by 0.8. when lang has surufficient space or not capable to process
 - g proglam.
 - y viestual space is allocated from storage and depends on diek space.
 - Also known as illusion of train themoty.

External Memory Supplimentary | secondary / Auxilary | Backers | Alternate

Sequential Access stonage device

a. Hagentic - Tape

B. Contraidge - Take

Direct Access Stoerage devices

Magnetic-Disk Plash Disk optical Dick > PEN- / 5 CD Compact Diele USB Drive/ Hard Floppy wheetar [650-750 MB] Memory Pisk Disk Drive / Taigetal video /versatile → Internal Micro Thumb (2 TB) (1·44MB) Drive (4.7 GB) (3.50") External ラ BRD Memory y Mim (10 TB) [Blu Ray Disk] + Card [1.20MB] (25-50 618) (5.25") [Hotoghaphic versatile (100-125 018)

Auea where data is stored lu Permanent

manner

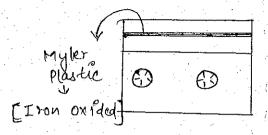
) On the basis of Access stomage devices are of two

(a) Sequential Access storage devices:

> Data stored lu a devices és accesséed lu a particular seguence.

-> sata access is slow.

i) Magnetic Tape 6--> sata stored su magnetie tape is accessed in a sequence.



-> used for audio and video heeording.

(i) cart dualdge Tape :- Similar to magnetic tape but line of Plastic used is smaller as comparisson de magnetic tape.

Direct acces storage Dévices?a lequence or

-> sata stored fin a device is accessed fin any sequence.

> sata acces is fact

There are divided juto Hure Category &-

i) magnetic storage Devices :- vota stored in Distr Can be accessed in any accessed.

(a) floppy Dick ? Basically used for document thes

A Ploppy is Ensented fu Floppy - Drive.

-) A part of Ploppy is opened known as Access window to read provite data disk.

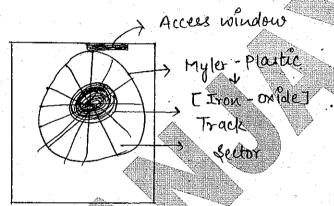
-> Ploppy is also known as Dick Nette.

> Ploppy is madeup of tryler plastic.

> Ploppy is divided into teach and Sector and this process le priouver as formatting. ON the basic of line and Capacity it is of two types.

- (a) Micro Ploppy: Diametter is 3.50 Tuches and having Capacity of 1.44 MB.
- (b) Mini floppy :- Diameter is 5.25 luches and having capacity of 1.50 MB.

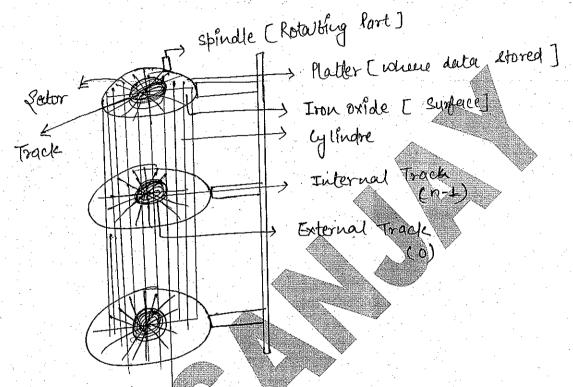
NOTE: - 8:00" Tuch size floppy is also manufactured but et never be used.



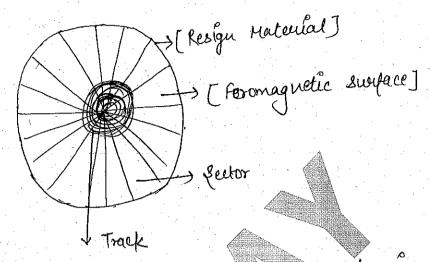
NOTE: - (i) Terach is the part volvere data is dietained and can be used.

- (ii) fector is the part of teach to write new data.
- B) Hand-duk :- wed to store large amount of data fur permanent manner.
 - Aus to luge storage Capacity lt is also known as mass storage device.
 -) Due to connectivity with system unit it is also known as "online storage device."
 - -> Data la Mardioane la the circular part lemoion as platter and It is notated through a spindle.
 - .) Iron-oxide huntage is used for platter.
 -) Diste is divided in teach sector and cy linotre.

- -> cylindre le med to vouite data lu disk.
- > Address of Futernal truck le (N-L) where address of external track is '0'.



- (C) optical Disk :- Data is aread | wente the lnelp of Red laser Roys.
 - foromagnetic surface is used to store 'data.
 - enape of optical disk is circular and data is stored his splical format.
- Oftecal dick is divided into terack and sector.
- -> optical diek is inserted in a drive like CD-Drive, DVD - Drive.



*

- i) cD [(ompact Disk]:- used for digital data and having Capacity of 650 MB to 750 MB
 - > Two Types &-
 - CD-ROM :- Compact Dietz-Read only Memory [It is used to sucad data stored fin a disk.]
 - CD WORM :- Compart disk wente once Read only Memory [It is used to aread and wente data in a disk.]
- DUD [rolgstal video / versatile Dick] ?-It is used to store data uplo 4.7 678. 30 DVD les two layered than it can stored uplo 17-678
- iii) BRD [Blue-Ray Dick] &- Blue-violet Rays are used to read pointe data

stugle layered (25 C1B) wied for huge defination Dual layered [50 618]

- (iv) HVD [Mologeraphie Verlatile Disk]:--) used to store multimedia and animation fles. I used to store 100 to 125 UB [1 tenasyte]
- (c) flash sisk :- Also used to store data in semilonductor capable to large amount of data.
 - USB (universal sevial Bus) Drive / flock sevine / Memory deune / frey-duine / Putelligent duine to move data from one Computer to another.
 - Memory Stick / Memory Card: Used in PDA, mobile devices to store data. devices to store data.
 - & Computer Coding The way of sufficienting a data in menory.
 - a: Binary Coded Sectmal :- [BCD] + 4 bit BCD code in which every digit of decoral number is orepresented as 4- binary number.
 - b E BEDIC: Extended Binary Loded decimal intenchange vode
 - 8 Bit BCD code fin which every digit of deconal is suppresented as 8-binary digit.
 - C. ASCII: American standard code for information Tuterchange It's défined by ANSI [American Nationes

Justitute]

```
9
```

```
J There are two tormats of ASCII:-

7 bit [(1= 128 value (0+0157)]

L, 8 bit [(18= 156 value (0+0155)]
```

D: UNICODE: - [Universial code]

Theoretion language based, loding to provide Similar

Coding to all language to different symbols used

in language.

* Three Format of Unicode ?
UTF-8 [Uniform Teransformation format]

UTF-16 "

UTF-32"

Ju lomputer system data is stored in the torm of binary digits i.e. 'O' or is' (Bit) and it's landau as

emallest unt of Memory.

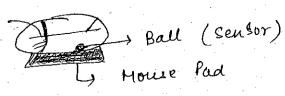
Tohen 8 - bits are Combined luto a group. It is

lenoion as Byte and is burown as word.

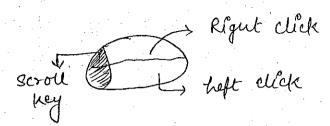
4 BH = 1 Wibble 8 Bit = I Byte [Bluary Byte] [Approximate (Byte)] 210 1000 1024 B= IKB (Kilo Byte) 10002 (Million) 1024 KB = IMB (Mega") 10003 (Billion) 230 1024 MB 2 LUB (Grega "1) 10004 (Trillion) 240 1024 078= LTB (Terasyte) 10005 250 1014 TB = 1 PB (Penta"") 260 10006 1094 PB= LEB (Exa"") 1,40 10007 logy EB= LZB [Zetta"] \$ 80 10008 1074 ZBZ 148 (Yotta")

out-put Process Input. [data] Encoder Decoder Bluary Encoding Decoding Juput devices are responsible to receive data and Pustouctions lu a computer system. Thue are responsible to Encode data lato blinary Provided by mer:-* Examples of Juput devices 6-1. Key-Board :- standard suput devices fina computer-based system. No. of heys 8- 101 To 108 keys. hayout 6- OWERTY Home key 6- (ASDF 6) (second Row) Types of keys on keyboard ?-1. Alpha + Numeric - [4 to z, 0 to 9] Function Key - [F1 to F12] F4:- Redo FLA Help F&:- Rename F5:8- Referah f7:- spelling and brammatical Error F36- Search F19: - lare as. Modifier key / Combination heys 8-Alt (Alter) ctal (Control)

- 4. Toggle key: keys having features of on and off. Capstock, Numboux, Scrollock, Pause J
- &. Navigation key: for Navigation Purpose 6-40000 key, lage up; lage down Home. End.
- Special chareter juy 8- * , %, \$, @
- Numeric keypad 8- Total 17 keys
- Special Keys 8 -
 - To move a curtor to executed position.
 - To selete a charecter from Right side.
 - To selele a charter from left side. 2. Delete 6-
 - 3. Backspace:-4. Enter 8- To lomplete any command.
 - 5. space bar 8- To Proude space blu two would.
 - 6. Window 8- To active start Menn.
- Pointing Devices 6- Rapat devices Horough which data and instructions are provided through a pointer.
 - 1- Mouse 6- Standard pointing devices used in Environment.
 - 2 misonment. Je Pointer weed for Mouse û cursor.
 - obeject used to soon mouse a Mousepad
 -) There are two types of nouse ?-
 - [A] Mechanical Mouse 6- & ball is used to move current.



B. optical Mouse: - Laser Technology is used to more curedor.



- Activities of Mouse:
 Activities of Mouse:
 Hold left button and check to

 A: 1) Single clicking 6- Hold left button and check to

 on a object selects a object.
 - 11) Double clichning 6 Jord left button and clichning twice on a object opens it.
 - (111) Right clicking 6- Hold Right button and click on a obeject activities its menu and we can access property.
 - iv) Araggling : Inotaling a obejeet with left click and move it to another place.
- B. TuackBall 6- working of terackball is similar to mechanical mouse.

 Used for designing purpose like CAD

 [Computer Added design]
- E Joystick &- med to computer game or where faster movement of cursor is acquired.
- D' hight Pen 8- used to directly interact with a devices and I/P data.
- E. Touch screens- To directly, Supert date.

- F. Touch Pad: need In Mobile PC [laptop] to works as a Mouse.
- Scanner: Also known as eye of a system wed to lowert hard lopy to soft lopy.
- Microphone
- ょ.
- Speech Relongnissation J. Sound. Digital Cameria &- To subut offlisse data like image and video.

, wed to Puput data as

- web lamera 8- 70 Juput heal time video.
- Biomettoic sensor: To tubut living part sign of a human being.
- liraphies Tablet & used for designing.
- Aireit Data Fitting stabut dénéces? In this type of subut devices mer dons not have to type or wante data for Juput.
 - I BUR & [Bar Lode Reader] The will It is used in Super market, Main to read Enformation stored in the form of parcode.
 - OCR :- Coptical character Reader J: It meade only one character at a time and used Π . to head handweitten on perinted test perfected on a paper and teranslate them to machine readable and editable from.

III. OMR: - [optical Mark Reader]

It is used read marks plunted on a paper.

Basically, used to check answer-short of examine where he she have multiple choices to answer a ourtions.

IV. MICR ?- [Magnetic - Juk - chancter Recognisation]

Specially used in Banking Industry to

successfulse chracters printed on chaque with

tragnetic Juk.

The only weads 10 characters and 4 special

character puinted on a chaque

V. Smart Card Readers. It is used to nead information stored hu Magnetic-Stelle and Micro-Chip.



II. OR [ouige Response] code Reader :
It is used to seed information stored in
graphics code and used for dequisity purpose.



OUT- PUT DEVICES

These devices are responsible to provide out put provided by system.

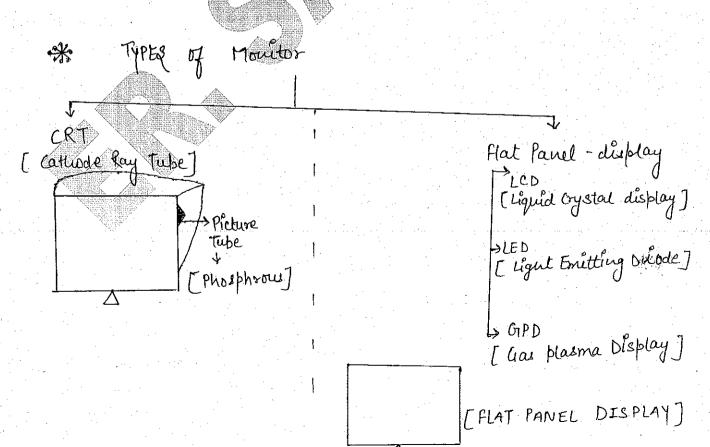
There are also herponsible to decode data provided by a system which make information human readable from.

output

Soft-copy- In the form of sound or

displayed on screen.

I. Monitor / Duplay / Screen / VDV (visual Duplay unit]:This is standard output devices which was first
futroduced in Heard generation of Computers.



NOTE :-

- Screen Sine of a Mouitor is measured diagonally.
- Junge displayed on a mouitor is madeup of various.
- The display onality of Monitor is depends on Resonlation and measured "in "DPI" [Dots per Inches]
- The image displayed on a display is depends on "Referesh Rate" and measured in "Herte"
- "The Hosizontal distance between two pirels known as
- II. Projector :- It is used to display multimedia tiles stored in a system with the help of Screen.
- III. Speaker: It is used to provide output in the
- N. Plottes: It is used to peint high onality advertisement image.
 Onality dependes on: BMP [Bit mapping]
- I. Perinter: It is used to provide output in the form of hand-lopy.

Impact - Printer

He Puinting is performed by a pulliting Head which makes lot of Nolse while puluting.

* Unable of Puint light ouality Graphicsor Image.

sto unable to print a test with different Color, Cire, type and

Speeds-CPM - Chracter Per runte WPM- Word Per Minute LPM- Une Per Minute

* Example 8-

- + DMP- Pot Matrix Bruter
- > Daisy wheel Bruter
- Sexal Bruter
- Drum Printer Band Printer
- Chain Printer

Nou-Impact Printer

* Nozzle is for politing character which doesn't makes low of Noise.

* High quality brages can easily-be printed.

Einster tung easily possible in these of Brinter.

* Speed 8-PPM- Page Per Mute

* Example 8-

- > Tupjet Printer
- -> Laser Polluter
- Thermal Printer

NOTE:-

- 1. Band, chain, Down printers aux based on the printing technology i.e. known as thre printers.
- 2. Thermal Pountes is used fou Pounting l'u ATM Hachine.
- 3. laser printer is fastest among any printer in printing speed.
- 4. The Resolution of buinter is measured in DPI"
 [dots per Inch] or "PPI" [Pixels Rea Inch]

Number-System

way to write number neing specified digits.

	(Ų.		
	Number System	Base	digit	Example
1	Binary	()2	08 T	(10101)2
ર્ચ.	Octal	()8	087	(123)8
3 .	Decimal	()10	029	(123)10
4	Hexa decimal	()16	0 40 9 A TO F	(AA 27)16

St. Number Couversion?-

Coursession from one number system to another

1. Decimal Convention:

4: Decimal to binary & soulde the given decimal number by 2 that possible and wente the

nemainder in enevere onder.

$$eq^{8}$$
 = (11100001)2

	<u> </u>				
	2_	225	-1		-
	2	112	0		
	2	56	0	*	_
	2	2.8	0		
	2_	14	٥		
_	2	7	1		٠
_	2	3	T		
	2	1	λ		
			17	* 1.5	

$$(225)_{10} = (11100001)_2$$

B. Decoral to octal: Duide the given decimal number by 8 till possible and writte the remainder in breverse order.

$$eg^{2} - (225)_{10} = (341)_{8}$$

8	225	1
8	.98	4
8	3	

E Decimal to hera 8- Duide the given decimal number by 16 till possible and wwitte the

2. Binary louversion

$$(11011101)_2 = (221)_{10}$$

1

B. Binary to Odal :- to flud the octal value from the binary number.

- filest Method :- Convent blivary number luto decimal number and then divide the decimal number by 8.

) Second Method 6- Make the gloup of there unbered and then flud the individual value

of that group.

eg: > [11100001]2 = [341]8

011100001..... 1st group ool, second group 100 and 3rd group OII.

Individual value 001 = 1, 100 = 4, 011 = 3

$$[(0+2+1)=3]$$
 $[(4+0+0)=4]$ $[(0+0+1)=(341)8$

c. Einary la Heradecimal &-(11011101)2 = [DD)16

(1+0+4+8) = (1313)16 = [DD]16 (1+.0+4+8)

A octal to second
$$\Rightarrow$$
 $(76)_8 = (62)_{10}$

To find the decoral wimber from the ortal number, postion all the number and then multiply with them.

To lowert odat number to binary, find the binary of Individual number in the pair of theree digit.

$$(76)_8 = (11)110)_2$$

4. Hexa Decimal Conversion:

A. Hera secural to secural >

To find the decimal number from the hexadecimal number, position all the number and then multiply with them.

$$[2AD]_{16} = [685]_{10}$$

B. Hexa decimal to Birrary:

To lowert ortal number to birrary,

find the birrary of Individual number in the
pair of four digit.

[2AD]₁₆ = (00|0|0|0|10|)₂
2AD
L

* Types of Computer *

					· · · · · · · · · · · · · · · · · · ·
Purpose	Data Process Capability	Cost, Size process	Recent Tuevol	s function	Lien- erati ou
1. General	Digital	Suber	laptop	Server.	I
9. Special burbose	Analog Hybrid	Mainframe Mini	Tablet PD 9	workstation	
			Personal gital Assistant	Terminal J Sumb	4
			→ Palmtop → Hand Hold device) Intellige	ut V
			device		
→ General Pu	problem	minpuleri dest	gued to so	due a Val	lety of
≠ PC	and Wilder.	buler)			
-) Special Pr	arbose :- A t	Computer desi	gued to so	lne a dedî	cated
A	C [Automati	à Teraffic	Control),	weather fo	recasting,
	Syxtem,	Africaft Avr.	ation syst	em·	

Analog dala + (Physical Quantity) + Analog Computer are used to measure Physical quantity (ife +)

Temperature, pressure, voltage.

erg:- Voltmetter, Anmeter.

Discrete / vigital Data > 0 and 1 > digital Computer aux med to process data lu discrete torm i.e. 0 or 1.

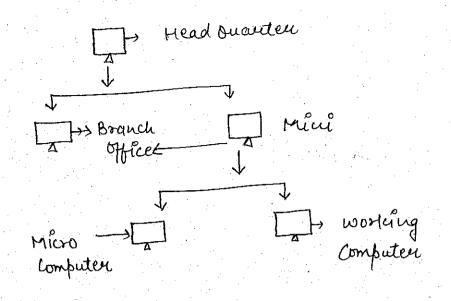
- → typoid 6 Analog + digital 6 A Computer System chaving speciality of both analog as well as digital.
- -> Petrol Pump: Petrol imbalure + Calculate value = Fybrid

 (Analog) (digital)

*: I Super Computer :- Most powerful computer cosed by gort.
for Scientific and exercely purpose.

- -> speed: Flops [Plotating points per second]
- -) word length :- 64 = bit.
- world's first super is developed in 1976 named as CRAY-I by CRAY Agency.
- of world's faetest computer Thihave [1] [china]
 - uamed as PARAM by C-DAC pune.
- * Prolais fastest :- EKA [uth Pu world]
 - * other super computer's: Aureraj, Tefar, AS-490
- II. Main Frame Computer :- Sevond most powerful computer used as main sever in a chand quarter of an anguixation.

CDC - 360 CDC - Cyber



III. Mini lombuter :- Also known as mid mange computer used as a server in brianch office of an onaguiration.

1965 -> PDP - 8 by DEC -> [roightal Equipment Corporation]

N. Micro Computer & tred by user to perform day to day soutine works.

A First micro computer les developed lu 1981 by IBM.

(Chown as IBM-PC

A sudials Hirst micro computer les developed l'u 1995 and named as "Ciddouth."

Ho hatest Terend | Portable Computer 8-

- 1. haptop 8- Also known as mobile PC or notebook used to cavery from one place to another for work.
- 2. PDA :- Used by user for daily routine activities like & Make appointments, Notes, Sweffing Internet,

or make telephone call.

ægs- Hand Hold device [Mobile phone], Palmtop.

3. Pablet :- A computer having Combine featured of Captop as well as tellphone.

of function 6-

1. work station > A highly configured system used where faster processing of data le exquired and also used as a server lu a department of an organisation.

It is more powerful than micro kut less powerful than mini computer therefore it lives b/w there two computer.

2. Leuveu computeu » A biguly configured computeu Lystem which provide various services & Information over a network.

eg:- Mail server, web server. Application server, Data base souver, file souver.

3. Terminal? Any computing device connected in a uetwork.

Dumb Terminal :- 4 device Connected on a hetwork in which there is no proceeding capacity.

Les Jutelligent Terminal: - A device having processing capability connected in a network.

Generation	Handware Technology	Memory Component	programling hanguage	Example
I 1. 1942-54	Vaccum Tube or Value	Magnetic Drum		ENIAC[+ digitalio] UNIVAC [Lommencial]
₹. 1955-63	Transistor	Magnetie Core & Hagne tic Tape	Assembly, Symbolic, Machine- Oriented,	IBM-4001 Honeywell-200
3. 1964-75	IC		COBOL, FORTRAN	
1404-19	House are Introduced Municomputer	Magnetic Core & Magnetic Wiek	Compile tranguage Procedure Orfented	CDC-Cyber PDP-II PDP-8
4. <u>N</u>	ls also develope		tranguage	
1976-89	Very longe Cate Integration] + Microprocessor	Hand- disk/ CD/ Magnetic	object Ovience language > c++, Java.	I - MAC
	se subo duced with Micro- Computer.	suk	language >	91
5. <u>V</u> 1990- Up to Now	ULSI E Ultra longe Scale Integration	Plank Disk	Natural hanguage.	Laptop, Tablet, PPA.
6 future	Nanotechnologys Nuautum.		Intelligence	Nano Combuter, Quantum Combuter.

" Software"

Bet of luten-related programs to penform a particular last. Poptware is also known as program.

System fortware 8- used for hunning hardware of lompiter.

+ Installation 800 Sauring a Software fin Hand diek.

* Software Designed to euen and operate various evelources available lu system.

Ho Application Roptware 8- End usen Roptware used to perform various operations on a system.

I. System Software 8- 3 Types

A System Managment Program 6- used to manage available susources of a system.

eg:- Operating System

> To manage and Loubol all the susources available
fin a system.

A lystem support software :- Support program wed to execute a Instruction on signit and effecient Manney.

eg:- utility forftware > Denice Deniver

Eystem Development Program 8- Rystem program which provide Capability to devolop a program and even on a System.

egg- Programing language, language Teranslator
Compiler
Assembler
Sutenputer

II. Application lopture :- 2 Type

A General Purpose :- End usen software developed on mass usen nequirement and common to all. eg:- Hedia Playen, word processor.

A Customined Software 3- Software developed on the basis of a particular user on organization equivement.

Egs- Payrion Inventory. Management Software.

St Notes: -

1. Free ware :- Bosed on open Source technology provided to use for fore use.

Eggs VIC, open office, LINUX, Mozilla fleretor.

2. Shave town 8- A software provided to usen to use for a particular time, after that he can purchase.

3. lackage Software 8- Combination of more than one Software.

eg: - M. S. office, Conal, DTP (Desktop Publishing Software] * System Software 8- These type of Software are used to operate and such different types of relouters available lu a lystem.

A. operating System 8- It is let of interrelated loftware which is used to manage and loubol all

uesourcesed a system.

eg 8- M.S. window, M-S. DOS, UNEX, LINUX, Androld, MAC.

Programming hanguage 6- le provider capability to develop various application for different tasks.

Programming hanguage

how level hanguage Handware dependent prog. are developed using this language.

Binary: Ook I dégits aves med to I wonte Instanction.

@ only language directly understood by system.

Assembly 6- MNEMONICS Or Symbols are used to woute Instruction in place of bluery digits.

pigh level language Universal language

> English lifte words and statements are used to wente Instructions.

-) Compile & Interpreter are used to translate. Instructions weltten la high level language to machine language.

Ho Jign hend hangnage 8-

- A. PROLOUT -> brogsramming logic
- B. BASIC > Beginer's all purpose symbolic Instruction lode.
- C FORTRAN > Pormula Translation
- D. SQL + stunctured onevery hanguage
- E. HTML + typen Text Mankup Language
- F. C Language > 1972, by Dennis Rittone
- On object oriented > c+t. Java.
- J. VB > Visual Basic.
- I. COBOL -> Common Bustness Oricented hanguage
- J. LOGO -> logic outented language
- K. ALOGOL -> Algorithm oriented language
- hanguage Franslator ?- System program used to thousante instruction wentlen in one programing language to another.
 - A Assembler 87 This language thanslator is used to thanslate instruction whitten in assembly language to machine language.

Assembly language / Language / Lode.

- B. lompiler 8- This language thanslator les used to teranslate l'ustanction conitten lu high level language to machine code.
 - -> lompiler thanslate all Instruction at a time.

Program

[Source Code] Compile) object file RUN |

object code Execute

[Of of Compiles]

Program weitten in a prog. hanguage Process of checking error or to convent It hato object codes

The process of confitten Prog. with the chelp of any Prog. language is known as Programming.

From [Bug] Acheck -> Testing

> Remove -> Debugging

Syntax error

Semantic Error

Grammatical

From

Heaving less

Statement

-) object lode provided by compiler le neusable but l'u case of luteupreten same thing does not happen.
- c. Interepreter: l'enflar to compiler but teranslate only one l'usternation at a time. [l'us ky lieue]

D. Utility foftware :- System supposet program, used to analyze, optimize the performance of a system as well as powerlde various supposet while executing a program.

These are basically back ground program.

- 1. Also Defnagmentor: Used to soan disk and evenoue spragmented space.
- 2. Dethierdonlight: vied to evenoue temporery files from disk.
- 3. Ata Cléphants used to sumone penform cut, topy, paste operation.
- a sight scan :- Used to sean disk and check visions and make
- 5. voludou sejender: Veed to protect against malicions program in a system
- 6. Registery eleaner: Used to protect important files of a loptware from only trainful program or file.
- 4. Duck Partition ?- to divide a deune futo multiple logical
- 8. System Brofiles.: To provide suformation about system like-Connected devices.
- 9. Diek space Analysen: 10 provide info. about dieterbution of memory /space.
- 10. System Restorie :- Cereate a point volue Lystem is error fene and used to trouble snoot any problem occur in a system.

- Application foptware: End men program med by men to solve a vaniety of problem and penform vanious tack on a system.
 - A. World Processor 8- M.S. word, word pad, open office > for socumentation purpose.
 - B. Prusentation Sophware :- M.S. Power Point (xide-Inow)
- e Hecteronie apriend sheet Loftware & M.S. Excel, Lotus [123]
- D. Mailing fostware: 19.3 outlook, Det ecape meusenger, Endoira [mailing].
- E. Database software : M.S. Acces [database]
- F. Communication fostiones : IRC [Juleanet Relay Unat]. 3/4ylee.
- Cy. ATP == Coual, Pagemaker, Photoshop.

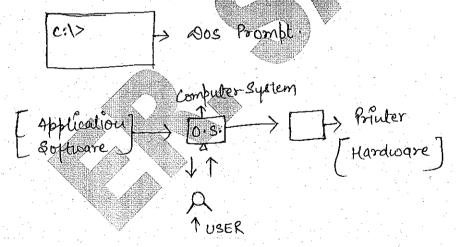
 Coeak top Rublishing Soptioner
- 4. Desguing Foftware :- CAD
- I. Chaplue Jostwace &- Place, M.s. paint.
- J. Media player 6- VLC player, MP3 Player.
- k Mobile App 6-
- i file Conventer s-
- M. Completeion &- Decompression > whitip, where, Cuurzup.

- N. web prouser: Internet Explorer, Morailla Pinefox. Opena Mini, Edge, uc Browser, Marxthon, Cafari. Google Chrome, Net scape Navigator.
- 0. Accounting Software :- Tally.

"Operating system"

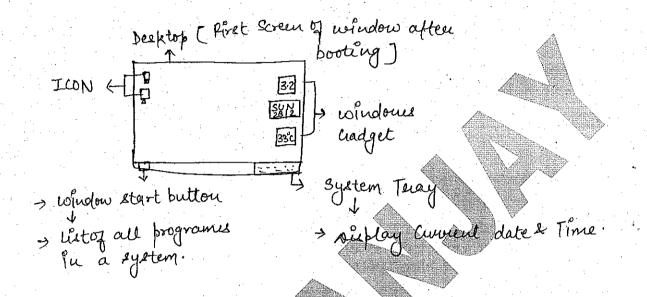
System Software used to manage & control all the evelources available lu a system.

- > 16 12 also provides intenface between handwarre le softwarre.
- -> It also provides substitutere between usen and system to work.
-) It is also arown as control system | management system | Supervision system | Executive system.

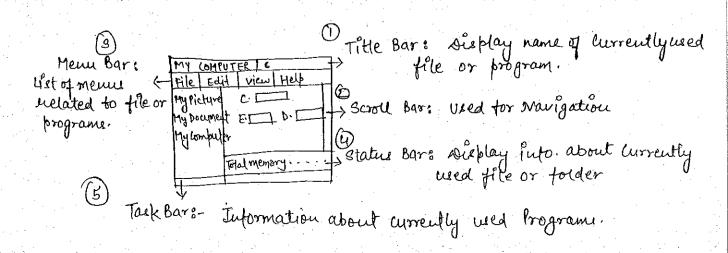


- > EUI: [Common usen Intenface] ?- usen have to commands for any woulds.
- > M.S. DOS: [siec Operating system] :- Non-geraphical & Non ween feriendly.
- -) GUI: [Grophical usen Intemphase]:-

- · traphical & user juiendly.
- · Ms. window, Androld, Views.



- A: Icon :- Craphical symbols on decktop to penform a particular task.
- B. Tack Bar: list of Curvent veling programs
- C Mg Compuler: Window Explosion > A program med to manage all files and tolders stated in a system. [1th screen of my computer]

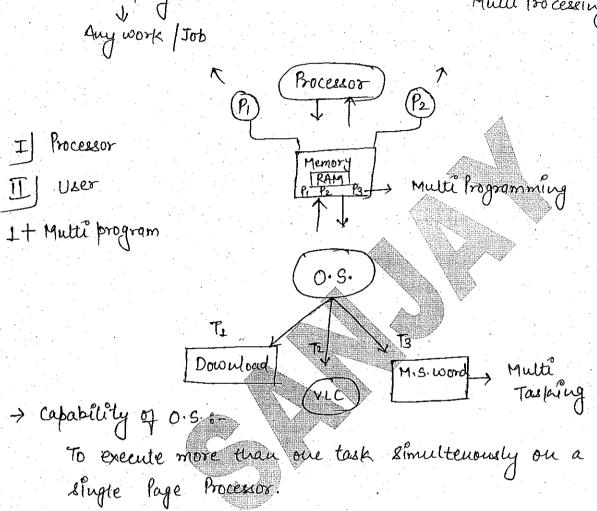


- > file system :- used for manage file & folder. NTFS 6- (New Technology File System) > sata > lufo -> file > directory [Forder] > Root Directory [A] Root Directory: - sirectory Containing du files & Sub directories. Sub Directory 6- wirectory with in directory. a b c) files abc. docx V Name File Extension (type) Pile Name Function of openating System 6fite Management 2 User Management 8. Security Managment Scheduling 6 FCFS:- First come first seewe -> Simplest algorithm. SJF :- shortest Job Rirst. Round Robin Scheduling - on the basis of time Quantion.
 - 5. Bocess Management

He Types of Proceeding of 0.5.

1. Multi Tasking

Mutti Processing



Motti Programming :-Program - Sequence of Instauctions to penform a particular Task. It le ueed to provide multi-taslaing capability to execute more than one program elimultaneously a eligie processor.

z. Multi processing / larallel brocessing ?- Procedure to execute a program. By using more than one processor at a time to

execute multiple process simultaneously at a time.

4. Oueline brocessing 3- To acress information from Remote

online processing is used to distribute the processing capability to different system so that more than one usen can simultaneously penform openation on same System.

5. Real Time Processing 8- It le similar to outure processing used to penform any operation on

weal time manner.

A RTOS:- [Real Time operating system]

6. Batch Processings- It is a processing in which multiple similar jobs are processed at a time in the form of patch nather than independely.

OPERATING SYSTEM

open 0.6 -> Based on open lource technology and distanbuted fully to any user.

egs- Android [Java based] l'un [l'une Torvalande]

- a) Redhat b) Fedora

- c) ubunto d) muit e) open sure F) Madric
- g) Black Linux h) solarise

closed 0.5

- usen have to purchase licence for use.

egg- a) MAC (machitosh)

- b) unix
- c) M.s. window
- d) windows 1.0,
- e) whichouse-NT
- f) window-95, 98
- g) windows ME (2000)
- h) windows -xP
- i) windowe-vista, 7
- J) wordows 8, 8.1, 10

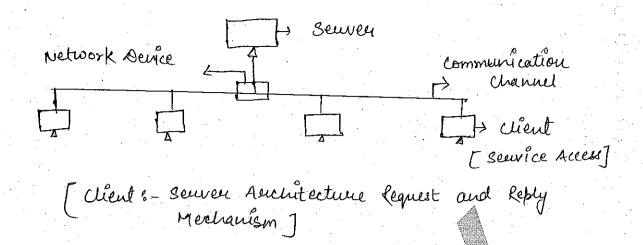
ouestion: - which of jollowing is an example of openating system ?

4. Netscape Navigatos 3: Bolavis 1. Google 2. Alta Vista web Browser Operating Lystem Search Engline

* Computer-Vitwoork And Internet Technologies *

when two or move than two computing devices are connected thouaugh a media Captical tibere cable. Ewisted pair cable, DSL » Dégétal subscribe line] or winder technique like : wi-fi, bluetootu, infrassed etc. to communicate and straving of mource [Hw and S/w].

- * Netrook Auchitecture 1-
- L. Serven [Sewice browden] > A highly lonfigured Computer system which provides vanious information and seunces on a network.
 - > web seuver : used for website Access [www.]-> seuver
 - 4 App. seuven 6- provides ouline application.
- pailing Leureus- brouide leurice of sending le incelving emails.
- > file lower 6- uploading le douveloading of files.
- -> Data base server:- server related to database.



- 2. Nétrosefring Device :- Handware device used to connect voulour components of a ratioonel. eg :- Ewitch Hub Routen, Bridge, hateway.
- 3. Communication channel : > Responsible to deliver a message from one system to another.

 eg:- Coviner Elgnal.
- 4. Client 6- A system trough which various information and semices are accessed provided by sensen.
 - * Mode of Communication :
 A limplex B. Half Duplex c. Full Duplex
 - 1. Simplex :- undiscertional mode of Communication in which information is teransmitted to only one direction.

eg:- T.V., Radio, Remote.

4. Half Dujolex 8- Bédirectional mode of Communication in which data can be send & meceive but

ey: - walkee, Tapilee, fax Marhine, lager.

3. Full Duplex 8- Bédésuctional mode of Comm. lu which both operation i.e. send l'elective Can be penformed at a time.

egs- Motèle lomme, chat

* Types of Computer Network :-

Media:
• wired Network > Physical connection.

• wired Network > Physical connection.

• egs- optical fiber, coaxfal, coppen wine, twisted

• pair, DSL for local area N/W.

* wieuless Network > Through Electero magnetic specteum

→ Data Teransméssion := Peres to - Peur N/W

- · Multi point
- · Broad Cast

> Aliea :- . PAN -> Personal Arrea N/W

- · LAN > local Asea N/W
- · MAN > Metropolitam Alla N/w
- · WAN & wide Area N/W

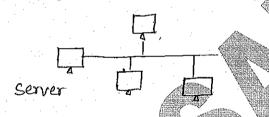
) owership :- . Intranet (Perivate)

- · Externet [Rawate]
- · Internet [Public]

H wieders Network 6-

- 1. Shout distance > Infrance, Blue tooth, wifi, hiff, xiff,
- 2. Long distance » skywave propagation, latellite comm.
- > Peur la Peur | Point to point N/w €> In this type of N/w only one monte le available to communicate two devices.

 Egg- Remote Control □ □ N+0N Comm.
- > Posut to multiposut | Multicasting N/W? cohere multiple devices can communicate through a slugte path.



- > Broad Caeting 8- Voucous path la Communicate luto.
- A PAN: Used for peusonal purpose with a shout distance Comm. approx up to 10 Hetter.

 Egg: Blue tooth peusonal Hotspot.
- * LANE- A N/w with in a city boundary region like Echool, conlege, building or to connect devices up to 100 H.
- A MANS- A N/w with lu a city or connect devices apto
 - eg: Cable N/w, Puivate teléphone N/w, FM.

eg: - Internet

- ♦ Intravet 6- à private p/w used for l'utennal lomm. with lu au orignization.
- & Exteravet 6- similar to Juthanet but used for external comm. used to provide 24 plus, working facility to employee from any eremote location.
- & Buternet 6- A public N/W to wed Information Globally.

It is a way to organize different devices available in a netwoods. All are used only for docal area Wilo.

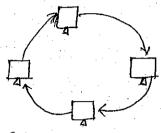
1. Bus 2 Ring 3. stall 4. There 5 March Popotogy

* BUS Topology:-

- > All the Computing devices are connected through a lingle dedicated enteral Cable.
- > Unedirectional flow of data courses slow teransmission.

- -> Centre Cable failure causes N/w failure.
- > large No. of computer can not be connected.

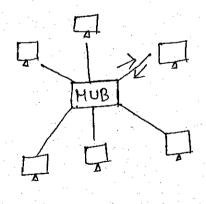
RING Topology :-



- > All lombuting deurces aux connected through a lingle dedicated Cable in a circle.
- -> buidirectional and slow process
- -> System or Cable failure causes N'u faiture.

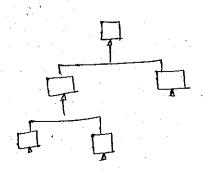
STAR Topology 6-

- > All combuting devices are connected theyough a central device i.e. HUB.
- > Central devices jailure Causes
 N/w jailure.



* TREE Topology :-

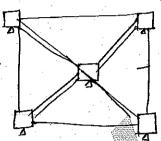
> All computing devices are connected for a herianchy.



-> Main seuven failure causes complete petwork failure.

* MESH Topology 6-

-> Used lu Internet and Mobile N/w.



onere- It NO of computer for a N/w are 100, then ky using mesh topology. How many links are required.

Aus: - [No. of links = n(n-1)]

= 100 × 99 = 4950

2

* " COMPUTER ADDRESS" *

Handware | Physical Address

> Printed on motherboard proudded by Network. Interface Card [NIC]

MAC - Address

[Media Access Control]

48 bit lu Hexa decimal-format

egs-

'IMEI NO of cellphone.

Logical Address

-> used for Communication lumpose

IP [Sutequet Protocol]
Address

outicular system to provide communication and sharing resources for a N/w.

Static IP

Fixed address wed for lowertion oriented services.

-> Bovided by DNS while accessing a web.

DynamicIP

> TCP/IP Telnet

-> used for connect forless services

> VOIP[volce over luternet hotocol]

> DHCP

Coupi. Protocol

1	-1 -1	ribu	ress		-
		1		•	

IPV-4

IPV-6

[Internet Protocol Vension - 4] [Enternet protocol Vension-6]

> 32 bit Address / 4 Byte

-> 128-bit Address / 16 Byte Address

IP address -> start -> CMD -> IP Louting -

N/WID: IP2. 168. O. I -> Decimal dotted [User]

11000000. 10101000. 00000000. 000000001 (Binary dotted machine)

- L' IP address le divided into four block and each represent 8 bit. i.e. Octet.
- 2. The minimum and maximum value of a block is 0 and 255 respect.
- 3. The 1st block of any IP address defines l'és N/w Rd where semaining are host ID.

Net-ID[1st block]	CLASS	
0-27	A	2 ⁸ = 256
128-to 191	B	0 to 255
192 to 223	C	
224 to 239	D	
240 to 255	E	

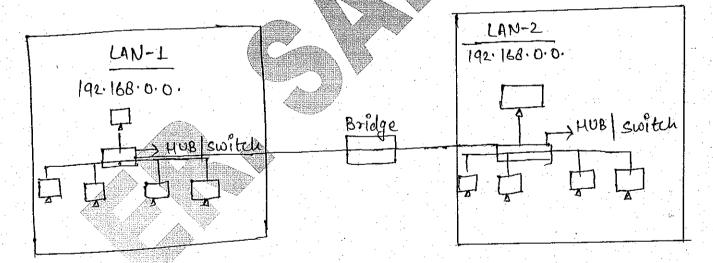
223. 223. 223. 291 -> [Juvalla]. (291)

10.0.0.0.1 -> Suvaild (more than 4 blocks)

* "NET-WORKING - DEVICES" *

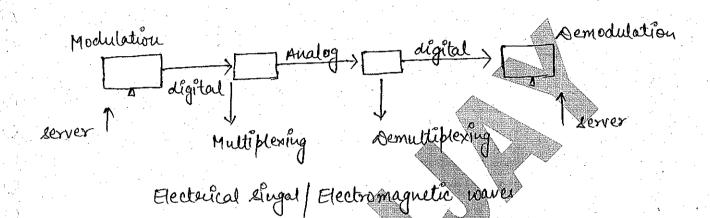
Handware Component used to Connect 2 or mobile than 2 different devices lu a netroph.

- 1. HUB 2. Switch 3. Bridge 4. Gateway 5. Router
- 6. Repeater 4. Modem
- HUB:- It is used to broad cast Pujo. In a NIW to Commected devices with similar mannen.
 - -> Provider Leuer Security.
- SWITCH :- Similar to Hub but provide more security and thansmit info. to define destination.



- * BRIDGE :- Used to Connect similar types of LAN.
- To ROUTER :- used in Internet on used to connect different types of network.

- \$ GATEWAY: Used to connect two different LAN.
- MODEM :- Modem is tele communication device susponsible to convert data analog to digital. of digital to analog.



to network Congestion the singal penformance is degrade.

- PROTOCOLS 3- These are set of sules and sugulations to provide communication and semices on a N/w.
- 1. HTTP 6- Hylen Text Thansfer botocol.

 3 bovides access to web.
- 2. PTP :- Pile. Teransfer Protocol: 7. To upload & doronlad file.
- 3. SMTP: Simple Hail Thangen Botowol > To Send email.
- 4. POP3 :- Post office Protocol vension 3.

 7 To meelve Emaile
- 5. DHCP 8- Dynamic Host confé Brotocol.

 > To provide dynamic Ip.
- 6. UDP :- usen datagroom protocol.

 > used to blud packets.
- 4. Tcl?- Pranemission Control Protocol.

 Responsible for end to end delivery of Packets.
- 8. RIP:- Routing Info. Protocol.

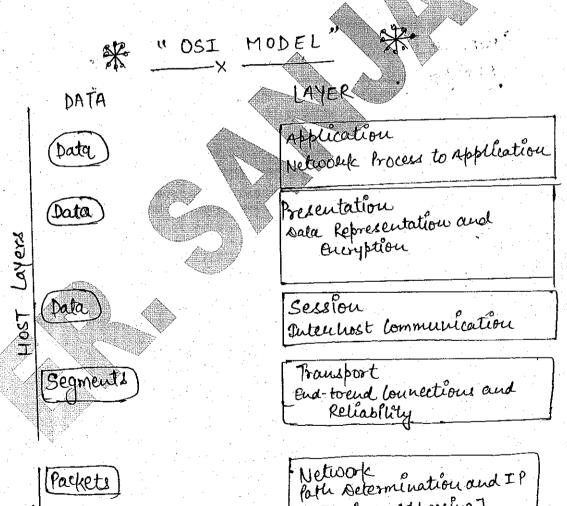
 > Provide houte to tenansmit a packet.
- 9. 05PF 8- open shoutest path 1st > Provides least distance path to transmit packet.
- 10. Telnet :- Telecommunication Networks > To provide access a system from nemote access.

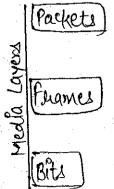
11. IP 6- Responsible for routing of lacket.

NOTE &-

-> sala teramenitted therough a network le first divided luto little churche i.e. prision as packets [collection of vacious bits) and the binding of these packets into a single unit l's purovou as data gram.

SSL:- Lecure Sochet layer &- Provides Becueity to teranition.





Elogical Addressing 7

MAC and LLC (Physical addressing) Data Link

Physical Media, signal and Binary Transmission Application

HTTP, FTTP, Telnet, NTP, DHCP, PING. Application Presentation Session

Teampost

TCP, UDP

Transport

Network

IP, ARP, ICMP, IGMP

Network

Network Interface

Etherwet

Pata link Physical

* Internet and Technologies *

→ 1969 - ARPANET → J.c. Liquider

Advance Research Project

Agency Network

J Public N/W;
Substantional N/W;
N/W; W/W;
U/obel Network

-> 1973 - TCP/IP-> who to j.

Transmission Control

protocol / Internet hotocol.

> ISP: Now Now is used to provide connectivity to all the devices through out world.

-> 1989 - www. Tim Bernerli lec world wide web.

V

> 15 Aug. 1995 - USNL Videel Bauchar, Wigam Limited]

BSE SENSEX

- · ISP: Internet Services Provider -> BSNL, VSNL, MTNL
- · WWW? web seuver -> Collection of all public webslists.

web document.

HTML language

DNS -> Domain Name System

1) -> (Dynamic Name server)

web-address

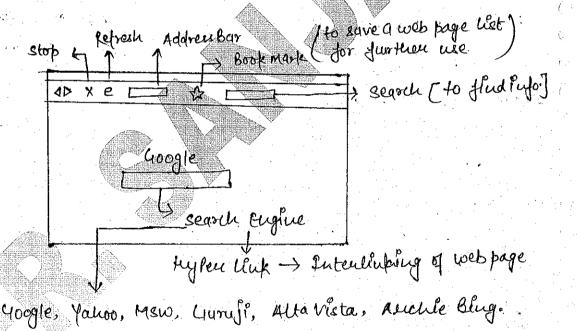
beb- Surfing

Client System
Static-IP

Application Software

web Browser: - wed to provides luterface blu wer system and web server.

- -> web browsens: Enternet Explorer UC Browsen, Edge,
 Maxthon, Netscape Nowigator, Croogle Chrome,
 Mozila Pirefox, opena Hlin, Safani, Lynx.
- -> uploading :- uplinking.
- > Downloading :- Downlinking.



→ URI:- [Uniform Resource Locator]], web address → URI:- [Uniform Resource Indentifies]

• http:// www.tcs.co.iu | dissectory / file name

I II III host Domain-Tyle of web.

Protocol webserver

Top level Domain country code · Pu - Ludia · Com - Commercial -> · au - Australia · Gov - Prout · USa - America · Org - Organisation · UK - United langdom. · edu - Education · pk - Pakistan · Univ - Universities · Milt - Military -> · Net - Network Domain warne System **>** > Responsible for vameing · Co - Company 2 managing domain. · Lujo - Lujormation

* Application of Enterent *

1. Email: - flecteroise Mail > way of communication in electronic manner by using internet.

Mail Gerrer [Amail, Yahoomail, Hotmail, siediff]

- A. SMTP: Simple Mail Transfer Protocol -> Send
- B. POP 3:- Receive
- c. IMAP: Internet Manage Access Protocol Hanagement of mail box.
- > Email Address & xyz@gmail·com

 | Unique Address | Local Part | Culobal Pout |
 | User Name | [Domain Name]

Tubox To: Receiver address

Draft CC: Carbon toby

BCC: Blind CC

Compose Sub: Sub. of Email

Trash

Spam Herrage body—

Sent Content of Email

Mail are carganized.

Attachment > Any file attached from Computer storage for sending.

- -> Pubox 6- Received Mail
- -> Droft :- Mail prepaired but send later
- -> lompose :- 10 cueate a new mail
- -> Sent :- Sent email
- > Thash 3- Deleted Mail
- > spam 8- collection of malicious Juk tile Containing malware viens. spyware etc.
 - ec and BCC both are used to send a small to multiple user at a time, but in cc beceiptment address is visible to all receiver but incase of bcc it is not visible to all receiver.

The way of selling and buying of goods and lewices through Enternet.

- se supplier: leuson or group who provides naw material on huge amout.
- Buyer :- Peuson or group who buys products or sourices from supplies to sell them, but not for Consume.
- of Consumer 8- The person who purchase goods from buyer to consume.

www > webeste

Exart or place where viertual smage of Products

shopping kard available to be sold.

Lttp://www. Japkant. com

[Business Buyer] (— B2B — Addidas

Samsung

(supplie)]

* Types ?

- 1. B2B [Business to Business] 8-Any Commercial activity blu two business oraquisation
- 2. B2 C [Business to Consumer]:
 A Commercial activity b/w Buyer and Consumer.
- 3. c2c [Consumen to Conlumer]:

 Any commencial activity blu two Consumen.

- 4. C2B [Consumen to Business]:Product on services are provided by consumen to
 business organisation.
- 5. G2B [Gout to Busques]:-
- 6. B2E [Business to Employee]:-
- of Phocess In E-commerce
 - 1. Order loggling:

SCM :- Supply chain Hawagement

overall demand and supply management and End to End delivery of Product.

- 2. EDI 8- Electronice data Interchange way of Communication to provide into electronic manner.
- 3. EFT 8- Électororsie, fund teransfeer vous prom one account to way of teransferring amount from one account to another for electoronic manner.
 - ego- 1) POS- Point of sale.
 - 2) debit or credit could transfer
 - 3 E-banfang
 - 4. CRM: Customer Relationship Management
 vouver before and after
 lale.

* E- Banking *

Hectronice Boulaing | visitual Boulaing | Net Boulaing | Internet Boulaing > The processing of providing boulaing securices to on user through internet.

- · User Name -> Unique name to access a bank account provided by bank to an account holden.
- · login lassword > seviet : code provided with menname to access account.
- OTP) one time play tode send to sugistened mobile

 One e-mail which is required to complete any
 thansaction.
- NEFT > Process to transfer find from one user account to another added user account on national level.
- RT 613 > Real Rime Gross settlement
 To perfrom any transaction in heal time manner,
 means process performed at the same time when
 any translation is performed.

* E- Lecusity *.

- -> Security Threat :-
- 1. Intectutal Property: use of info. available on wells in unauthorized manner or without owner's permission.
- · Software leiacy: :- use software without owner permission.
- 2. Client System Thurat :
 1. vieur [Vital Suto. Resource under serce] :- It is a

 computer program known to ereplicate

 themselves. It attach with any file and effect its

 proceeding.
 - 2' Trojon Horse :- A type of thems me to access a system semote tocation in unauthorized manner.
 - 3. Hacking 8- The act of stealing info. on bucaloing servity of view's system to access it in

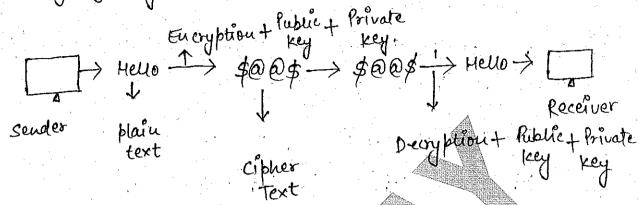
reperson Probles la harfaing es penson as harbers.

- 3. Communication channel Thulat :
 - to unauthorized Control.
 - B. stealing of info :-

- 4. Server Threat :-
 - · file Transfer thereat > Teransferling of malicious files.
 - · spamming -> sending of vanious haunter message.
 - · Phiebling -> Technique of herbing in which a duplicate web page is provided that oxiginal.
- * Security Measures :-
 - 1. Authentication and Authobization &- fronte security to Entectral Bropenty History.
 - > Enformation available on a new is provided through authentication.
 - 2. client System Security &
 - A. Antivieur > A security utility program to protect a system against. VIRUS.
 - B. Antispywaise > A type of security program to protect a system from malwave, spywane, trojanwavel.
 - c window defender > An utility to mesthict haunful program to install.
 - D' Browsen Brotection > Info. and file and scan by browsen before downloading.

3. Communication Channel seawity 8-

A: Coyptography -> Greek word -> KRYPTOS [To lide]



- B. Encryption -> The process of enoughting a message futo Code before Lending.
- c Decryption > The process of decrypting a message from Encrypted code at succeiver end.
- D. Symmetric > key crypto system :- similar key pair and decryption and decryption i.e. public key.
- E. Augmmetere key Coupto system 8- Different Jay pains and private key for encryption.
- F. Sigital signature 6- et is a process of assymmeteric key coupto system voller is need to authenticate electeronic becord and verify subscriber.
- 4. Server Security 8-A. Firewall > A Combination of Software and

handware to protect a system from unathorized use.

* M.S. OFFICE *

It is lottoane package on office luite developed by Microsoft Corponation in 1989.

- The various venion of M.S. office and 8
 Office-3.0, office-95, office-97, office-2000,

 Office-2003, office-2007, office-2010, office-2013

 Office-2016 [latest venion].
 - · vouloire application program la 1915. office.
- A. word processing software : 19.5. word
- Bi Pagentation loftware : 1 14.5. powen point
- C. Electronic sphead sheet software! M.B. Excel
- D. Mailing Software
- E 19.5 Access

M. s. outlook

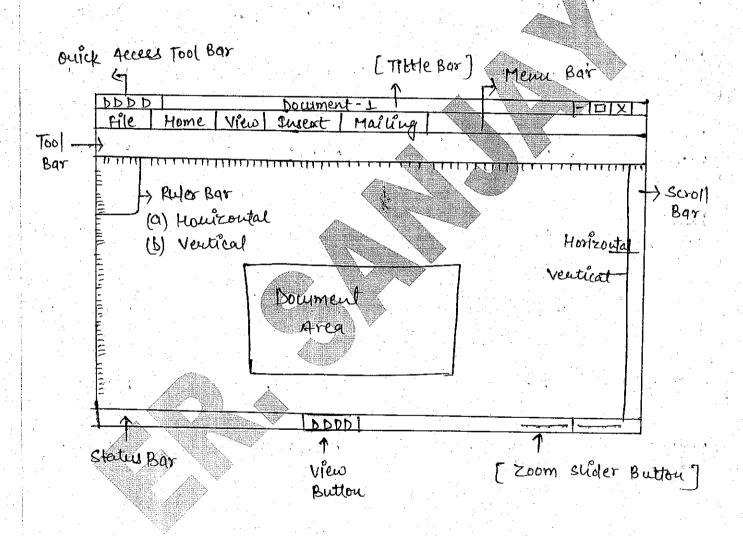
! Data base Software

M.s. office

M.S. power point M.S. wood M.S. Excel Record / Presentation/ Documentation purpose:-Accounting slide show File :- Downeut slide sheet Default Presentation-1 Book-1 Downent 1. Name ?-File • X(sx · pptx · docx Extension: 8-Fout 8 to 72 8 to 96 8 to 72 lize 8-10 to 500%. 10% to 500% 101. to 400% Toom stre potrat potrait Land Scape Oaisentation: program willwoord exe excel· exe powerfout exe

* Microsoft word *

- micro lost corporation.
- > et is used to estate, edit, a document.



of Computer window of

- 1. Tittle Bar 8- A bar displayed at the bottom.

 It display the name of file currently used.
- 2. Menn Bar :- A bar just below tittle bar where different menns and known
- 3. Tool Bar 8- A bar just below menn, ban where different options are snown which are nelevant to different labs shown he menn Bar.
- 4. Ribbon :- et organize menubar and toolban in
- 8. Rulen Bar 3- De le also punsion as scale of word, which is used to provide margin on spacing a document.
 - > There are two Rulen Bare 6-
 - 1 Hoenixontal Rulen Ban
 - 2. Vertical Rulen Ban
- 6. Scroll Bay:- This ban is used for navigation purpose.
 - -> There are two scroll Bay :-
 - 1. Horizontal Scroll Bar
 - 2 rentical scroll Ban

- H. Status Bar 3- This ban is displayed at the bottom of the world window in which information about currently used file is displayed.
- 8. View Button: Rus is available on stolus ban to display a document lu view.
- 9. zoom elsdeu Button: Phis is used to minimize or maximize a document for display.
- 10. Ouick Access Toolbar 6- Pris is shown at the better top of the world window where frequently used menus are available like:
 - A. New [ctrl+19] :- To collete a new domment.
 - B. open [ctol+0] := To open an existing domment.
 - c. save [ctrl+s] :- To save a document.
 - D' save & P12) ?- To save a document with new name, on new location.
 - E Paint Ectrl +PJ:- To print a domment.
 - F. Undo [cts/+7]: To cancel last changes.
 - G. Redo [ctrlty/Fy]:- To Apply last changes.
 - H. Close [chiltw/Alt+fy]= To close word-windows.

- office button available for word 2007.
 - This menu have vanious options udevant to file Uke:Open, Save, Save As, Perint etc.

of various - Tabs Available Pu M.S. - WORD :-

- 1. Home Tab 8-
 - 1. clip board Block 8- This is used for out, copy-parte operations
 - · Copy :- [ctyltc]: to copy selected text.
 - · cut :- [ctrl +x] :- To cut selected text.
 - · Paste 6- [cts + v] ? To cut and copied text.
 - · Parte as special :- [ctrl + Alt + U] 8- To parte
 selected part
 - . Format painter 8 To match the pasted data.
 - Bi Fout Block :- Used for jout Jornatting.
 - Font face design type :- [ctrl+D, ctrl+shift+f]
 To change joint design.
 - Note: Times new Roman, Aufal, Calibri, Cambria are example jout jace.
 - · font size :- [ctol + enift +P] 8- To change yout size.

sefault 19ûn. L. Max Jont. Pize is B and 72. Font size is measured lu points.

- Increase fout :- [ctrl + shift +>]
 To Increase dout size.
- · Decrease font &- [chol+ shift+L]

 To decrease jout like
- · Change Case 3- To mange case of selected text.
 - 1. UPPER CASE ?- ABC ABC ABC.

 [Au lu appen letter]?
 - 2. LOWER CASE: abc, abc, abc
 [All Pu small letter]
 - 3. TITLE CASE 8-/ Capitailize each word.

 Abc, Abc, Abc.

 Pinst character of every word is in upper letter.
 - 4. SENTENCE CASE: Abc., abc., abc.

 Default case of M.s. word, where first

 Charcten of sentence is Capital and

 nemaining in small letter.

- 5. Tourne CASE: aBC, aBC, aBC.

 Jisst chanacter of every word is in small.
- 3. BOLD [ctrl +B] 8- To Bold text. [abc]
- 4. Italic [dr/+I] 6- To etalicize text. [abc)
- 5. Under line [ctr[+U]:- To undenline text. [abc].
- 6. super souipt: [ctrl+shift+]

 To weilte a text lu power | exporient.

 22, 22/2, (a+b)?
 - 4. Sub scuip 8- C ctr(+) 8-To wente a text lu base. azb2, H20, tog10 10...
- 8. sterike through :- [dolt 8]:To a cut a text. from Middle.
- 4. Pougraph Blocks- Used dor paragraph formatting.
 - & Dumberly and bullets &-
 - B Increase Endent [ctrl+4]: To Pucrease spacing of Panagraph.
 - © secrease sident [ctol+ Alt+19]:-To decrease spacing of Panagraph.

- L'ue spacing :- To provide space between two lines of a lanagraph.
 - -> single line space [ctrl++]
 - -> double line space [ctrl+2]
 - > 1.5 line space [ctrl+5].
 - Alignments :-
 - > left Align C. ctor+ C]
 - > Right Align [chitR]
 - > centre (ctol +E)
 - > Justify [[dn +]]
- 5. Style Block 2= [Alt + ets + enift +s] To change complete style of a documents.
 - Editing Blocksfind [ctol+F] 6- To find a text.

 - Replace [chrl+H]:- To filed and sueplace.
 - 40to [ctrl+4) 3- To move from one place Pu a document.
 - d) select All [ctrl+A]:- To select whole document.

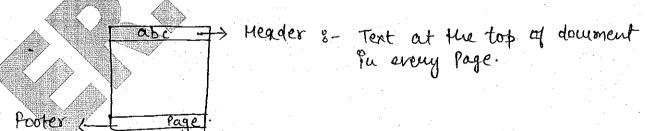
- * INSERT TABE- To luseut various objects lu a
 - i) lage Block 6- 70 preprope vauvous pages for a document.
 - a) cover lage 6- To lusert cover lage
 - b) Blank Page 8- To Puseut Blank Page
 - c) Page Break 6- [ctrl+Enter] to Puseut page - break.
 - ii) Table Block: To Puseut a table Pu domment.
 - Mil) Plustration Blocks- To finence vanious objects.

 like-alagram, pleture, auto
 shape etc.

 In M.S. word, clipart is known as

heady to use.

iv) Header & Pooter Blocks- To lineart Headen and Jooten lu a document.

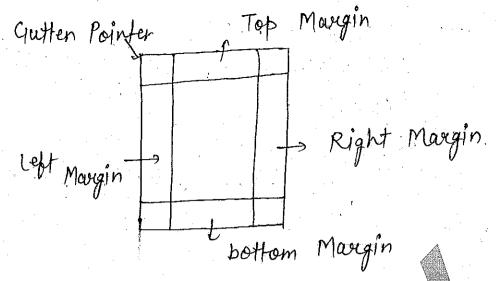


Text Parinted at the bottom of every Page.

iv) int Block &
A. Hylen-link [chrite] &- To freent hylen link.

B. Book Mark &- To husent book mark.

lext Block 6-
A word Art 8- To design a text.
a, nont (ab ?- To inscert special effect of
B. proplat s- To insent special effect of a paragraph.
3. Pome lava -
3. PAGE LAYOUT TAB: - This is used jor formatting Pages of a document.
pages of a document.
i) Theme Block - To insert new theme.
ii) Page Setup Block
(a) Page Size (b) Page Orientation
To Change page size To Change page layout like A4, A3, A5, letter,
layout
like A4, A3, A5, letter,
legal.
Di
Potratiait landscape
Default is patratrait orientation.
(c) Page Margin - Space, left-right and Top-botton
in a base.



Gutter Pointer is used at the top and left of a document.

- (iii) Page Background Block to change background for a document page.
 - (a) Pager border to insert page border.
 - (b) Water March Fext or image inserted into back ground.
 - Civ) Pavagnaph Block -
 - (a) Indent: Space left b/w left and right side of a paragraph.
 - (b) spacing: space left b/w two pevagraph of a document.
 - 4. <u>Réprences Tab</u> : To provide répience in q document.
 - (a) Foot Note: (Aut + ctrl + F)

 Text witten at the end of page

 for refrence.

(b) End Note: (Alt + Ctrl + D)

Text written at the end of document for refrence.

5. MAJLING TAB -

Mail Merge: Mos important function of MS-word to draft a letter and send it to multiple mailing address.

- used to create invitation letter, draft and envelop label etc.

6. REVIEW TAB -It is used for review a document.

(i) Peroofing Block:

(a) Spelling and Grammar (F7): used for spelling and Grammatical mistakes.

To display Error :

Red Colour line & Spelling Error.

areen colour line: Grammatical Error.

Blue color line: Formatting Error.

(b) Theasuraus: (Shift + F7)
This is used to provide similar words of selected text,

(c) Translate: used to check a word in anthon another language.

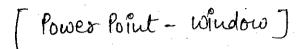
7. VIEW TAB

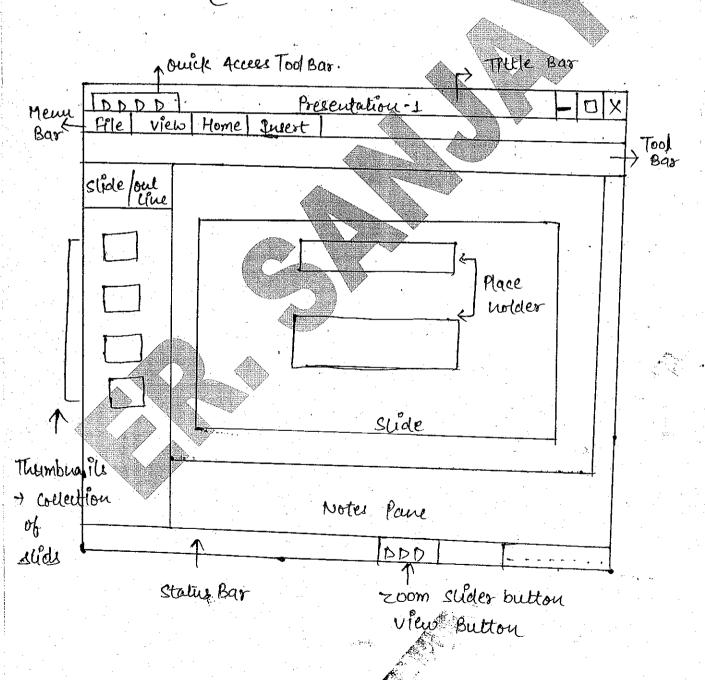
- (i) Document view: To view a document in different view.
 - (a) Brint layout view dépoult view
- (b) Web layout view webpage
- (c) Reading view bull sureen view
- (d) outline view To check outline level
- (e) Draft view Simplest view without any image or formatting.
- (ii) 700m: To display a document in different size.
 - · Min = 10.1 and Max = 500.)

 (Standard zoom size = 100.)
 - (iii) Macro: Collection of various commands used for formatting.
 - Note: A text automattically goes to next line is known as word-wrap.
 - A file with pre-define setting is known as template file.

* M.S. POWER-POINT *

It is used for maning presentation and slide-show. Different tyles of files are used for creating a presentation like > Andio, Animation, Video etc.





* Components of lower point - window *

- i) Place urder: Place where different object are furented fix a elide.
- ii) Thumbrails: Collection of slide.
- iii) stole pour :- To view tist of stide available in presentation.
- IV) outline panes- To check outline touch of clids.
- V) Notes Paul :- This area is used to create notes orelated to a slide and this paut is not shown while elide-

* Vacilous - Tabe In M.S. Power point of

1. HOME TAB :- Thus is used for formatting by using it we can change font size,

NOTE: - (trit N is used to create new presentation ctrit M where is used to insent new slide in existing presentation.

2. PASERT TAB8- This is used to fusert various object like - Picture, Graph, picture etc. in a slide.

NOTE: - In M.s. Power point Ready to use means

3. DESIGN, TABS- This is used to change design of a blide like layout, volor etc.

NOTE:- Défault Elbde Déviendation le landrape.

4. TRANSITION TAB 8-

Slide Transition 6- This is used to apply special effects blu two eller of a presentation. It is also used to motion and speed of slide show.

ego- BOX, CUBE, DOOR

- 5. ANIMATION TAB:stide Animation :- This is used to apply special effects on the object Ensented in the Elide. egs- Ply-In, Ploat, Fade, Cascade.
- SLIDE SHOW TAB :- This is used to display a slide with ferancition or animation on Jult ecreen. To stant slide ellow from beglining "F5" key is used cohere shift +F5 is to start slide show from cusurent elle.

This is used to view a slide luto 8. VIEW TAB 8different vieues.

- i) suide view :
 - a) pormal view
 - b) diffault View
 - ii) Reading view 8- to open in areading mode and ecad.
 - iii) slide sorten view & To display all slides of presentation at a time.
 - iv) Notes page views. To display notes page of releited Ilide
- ZOOM:- To diesize a elide. Mia = 10% & Max. = 400%. Défault zoom Lize = 69.1.
- Slide Master 8-Master Slide 8- To Insent and object in all stide of presentation la same manner.
- D. Handout Master 6- To insert Header and Jooter fu all stides.

NOTES 8-

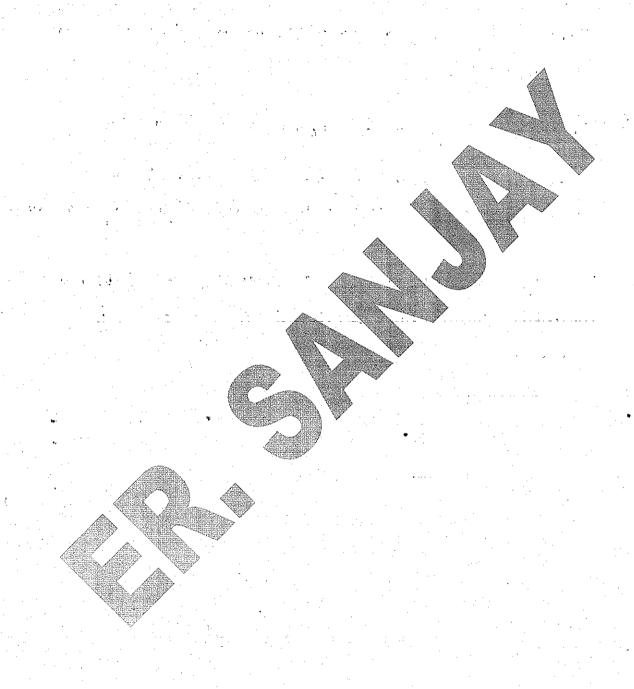
- 1. Först slide of Presentation is Home-slide.
- 2. Notes provided to épealier to sumember something about presentation le speakers Note.
- 3. Notes distributed at the time of presentation to the listner is known as Handout



* M.S. EXCEL *

- -> It is also known as electronic spreadcheet or accounting software.
- Table is wed as data etemeture to store data in M.S. excel.
- -> Table is défined lu Rows and Columns.
- > Column of table is known as attendate on field where it store only similar type of datatype.
- -> Row of table le lanower as mecoud ou tupple where différent value but sufferent to each other les stored.

17 Meny Bar Quick Access Toolbar Rook . File Home insert Page layout Data Formula Review View Tool bar > formula bar E Cell B \mathcal{D} F Address Bar a Active Cell Cell Inactive Coll Zoom Sliden Sheet 3 button > Sheet Access Tab View button



- -> Intensection point of Row and Coloumn is known as
 - -> currently med cell is active cell and hemaining
 - -> These are 10, 4, 8, 576 shows and 16, 384 Coloumne fu excel-2010.
 - -> First address of now is 1 and last address is
 - -> First address of Colum is A and last address is XFD.
 - -> currently cen address le désplayed lu cen address bar.
 - > No. of charater allowed ha a text field are 255, and only one value is entened by boolean cell.
 - -> Du 19.5. excel flere au 3 sheet and name of event can be maximum upto 31 characters.
 - -> separt length and breadth of a cell fu M.S.
 excel is 12.50 and 8.43 mm.
 - > Sign ## ## # displayed in a cell show that due to insufficient space data can't be displayed.
 - > Formula ban is used to wente formula lu M.S. excel and shift + F3 is used to luseut a function in a cell.

> To view available junction list junction wizard

Ho formula operators: -

4. Authmetic operator 8- +, -, *, %, %, o/o, gor arthmetic calculatofors.

B. Logical operator :- AND, OR NOT for logical Calculation.

C: Text operator 6- (8)

To add/ Combine Text

D. Refrence opérator (8).
To define cell address mange.

How to creake formula 8-

	.			
		A	3	ec.
Á	L		10	
	2.4		2.0	
	3		<u> 30</u>	→
. (4		· · · · · · · · · · · · · · · · · · ·	

- I select cell in which formula to be inserted.
 - 2. Type equal to = sign.
 - 3. wuite function vane
 - 4. Deflue Cell address erange or Value.

'Data base Managment System'

Database: A database is a organized or structured collection of data that is managed to meet the needs of community of users.

Database managment system is a collection of programs that enables users to create and maintain database

- * Advantage of DBMS :-
- (a) Redundary Control
- (b) Unauthorized access control
- (c) Multiple User Interface
- (d) Backup and Recovery
- (e) data shoving
- * Database Terms :-
- (a) File A file is an ordered averagement of records in which each record is stored in unique identificable location:
- (b) Records A record or tupple is a couple set of related data.
- (c) fields A field is a property or a characteristic that hold some piece of information about an entity.

- (d) Relations In the relational data model, the data in a database is organized in relation.
- Ce) Attributes An attributes is a peroperty on characterstics that hold some information about an entity.

Attribute	K	Student	Table → En	rtity
~ 1 l	ROU NO.	Name,	Age	Marks
Tuple <	AOOL	Rahul	23	700
	A002	Abhi	24	800
To	ible !	Cardinality	(NO. of ele	ments) Record

- * Types of files :-
- (a) Master File Master file contains the permanent data of a data processing system and kept up to data by applying new data from transation files.
- (b) Townsaction File These piles contain to only that data necessary to keep the master file up to date
- (c) Reference or lookup file These file contain data which may need to be looked up during the processing of the master file.

pate and

Auction

i) Now

ii) TODAY

Time

- In M.S. excel junction is used for Calculation.
- shift +F3 le used to luseut a function lu a cell.
 - when a junction is used for more than two values is lonown as aggengate junction. egs- AVG, Mean, Mode, Mean.

X) ROUND

XI) INT

XII) FACT

of function # * Types logical Text Adethmetic fauction function function i) LEN 1)IF i) SUM ii) VPPER ii) NoT ii) PRODUCT (ii) LOWER (ii) AND iii) 424 IV) REPT V) MAX IV) (OR V) MIN vi) MOD VII) SORT viii) count ix) POWER

- 1. To Summanize data available lu a table PIVOT
 TABLE is used:
- 2. SORTINY is used to averange data in ascending and decending order.
- 3. To combine two cell is lonown or Merging.
- 4 cell Reprence :
 - 1) Absoulate Rejeque 8- \$ A \$ I
 - ii) Relative Reference 8- A1
- 5. Chart is used to suppresent data available table lu the form of Graph.
 - a) Pie Chant
- b) Bar chaut
- c) Tabular Chart
- d) live chart

* RDBMS (Relational Database Management System) (51)

RDBMS may be 9 DBMS in which data is stored in the porm of tables and the relationship among the data is also stored in the form of tables.

* Different Types of keys in RDBMS :-

(a) Trimary key - It is a attribute of a table which can be used to be access the record.

Perimary key should be unique and it should not be NVLL.

(b) Foregin key - If a relation has no primary key then it use primary key of another related table known as foregin key.

(c) Candidate key - Altribute of a given table which has property to become a primary key is a called candidate key.

* Some database Languages:

SQL - (Structured Query Language)

(Around 153 Commands)

- Insert, Update and delete

(a) DDL (Data Defination Language)
(Works on table Structure)
Commonds - CREATE, ALTER (ADD, DELETE), DROP

(b) DML (Data Manipulation language)

(Works on Record of the table)

Commands - SELECT, INSERT, Update, delete

(c) DCL (Data Control language)

(Works on as permission or rights)

REVOKE -> (Remove database access)

GRANT -> (Change permission of user)

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of the same good board in a soul blue to

butility with a second of the second of the

1. Takin ili peni

THAT I TO THE OWNER OF THE PROPERTY OF THE OWNER OF THE OWNER OWNERS OF THE OWNE

1.	The software tools that enable a user to interact with a computer or specific purposes are known as-						
	(1) Hardware	(2) Networked so	oftware	(3) Shareware			
	(4) Applications	(5) None of these		(o) onaroware			
2.	A shares hardware, sof			users.			
	(1) Network (2) Protocol		_	(5) none of these			
3.				• •			
0.	Computer Programs are written in a high-level programming language; however, the human readable version of a program is called -						
	(1) Cache (2) Instruction s		(3) Source code				
	(4) Word size (5) None of thes	e					
4.	In word processing, an efficient wa	y to move the 3rd	paragraph to plac	e it after the 5th paragraph			
	is -						
	(1) Copy and paste	(2) Copy, Cut and	d paste				
	(3) Cut, copy and paste	(4) Cut and paste	e(5) None of thes	e			
5.	Which of the following is not a fur	nction of the contr	ol unit ?				
	(1) Read instructions	(2) Execute instr	ructions				
	(3) Interpret instructions	(4) Direct operat	tions				
	(5) None of these						
6.	Software for organizing storage ar	nd retrieval of info	rmation is a (n) -				
	(1) Operating System		(3) Database Pro	gram			
	(4) Data warehouse	(5) None of these					
7.	A set of step-by-step procedures for						
	(1) Algorithm	(2) Hardware Pr	_	(3) Software Bug			
	(4) Firmware Program	(5) None of these	е				
8.	Which of the following in not true about RAM?						
	(1) RAM is a temporary storage area						
	(2) RAM is the same as hard disk storage						
	(3) RAM is volatile						
	(4) Information stored in RAM is gone when you turn the computer off						
9.	(5) None of these The main directory of a disk is cal	lled the direct	ctory				
9.	(1) Root (2) Sub	(3) Folder	(4) Network	(5) None of these			
10.	The physical arrangement of elem	• •					
	(1) Features (2) Format	(3) Pagination		(5) None of these			
11.	= SUM (B1 : B8) is an example of a	ı					
	(1) Function (2) Formula	(3) Cell address	(4) Value	(5) None of these			
12.	Which of the following storage me	-	_	y ?			
	(1) Floppy disk	(2) Magnetic dis	k	(T) N (.1			
12	(3) Magnetic type	(4) Optical disk		(5) None of these			
13.	Compilers and translators are one (1) ROM (2) RAM	(3) Hard Disk	(1) Software	(5) None of these			
14.	Data representation is based on						
	represent all data.		and a special, will	ion about two mambers to			
	(1) Binary (2) Biometric	(3) Bicentennial	(4) Byte	(5) None of these			

15.	The most common input devices include -				
	(1) Monitor and	keyboard	(2) Monitor and	mouse	
	(3) Mouse and k	eyboard	(4) Printer and	mouse	
	(5) None of these				
16.	WWW means -				
	(1) World Wide	Wonder	(2) World Wide	Wizard	
	(3) World Wide	Web	(4) Wide World	Web	(5) None of these
17.	Process	ing is used when a	a large mail-order	company accumu	lates orders and processes
	them together in	n one large set.	J		•
	(1) Batch	(2) Online	(3) Real-time	(4) Group	(5) None of these
18.	What is the diffe	erent between a Cl	D-ROM and a CD-	RW?	
	(1) They are the	same - just two d	ifferent terms us	ed by different ma	anufacturers
	(2) A CD-ROM c	an be written to a	nd a CD-RW cann	ot	
	(3) A CD-RW can	n be written to, bu	it a CD-ROM can o	only be read from	
	(4) A CD-ROM h	olds more informa	ation than a CD-R	W	
	(5) None of thes	se			
19.	Holding the mou	ıse button down w	vhile moving an o	bject or test is mn	iown as -
	(1) Moving	(2) Dragging	(3) Dropping	(4) Highlighting	(5) None of these
20.	A Is a co	ollection of data the	at is stored electr	onically as a serie	s of records in a table.
					(5) None of these
21.	The Prir	narily take(s) care	of the behind-the	e-scenes details an	d manage(s) the hardware.
	(1) Operating System (2) Application Software				
	(3) Peripheral d		(4) Hard disk (5) None of these		
22.					
(1) File (2) Guide (3) Template					
	(4) User guide fi	le	(5) None of thes		
23.	A group of 8 bits				
	(1) Byte	(2) Kilobyte	(3) Binary digit	(4) Megahit	(5) None of these
24.		evice commonly re			
	(1) RAM chip		(2) Data input		(3) CPU
	(4) Secondary st	torage	(5) None of thes	se	(5) 0. 5
25.		rsection of a colur			17
_0.	(1) Column	(2) Value	(3) Address	(4) Cell	(5) None of these
26.		* // .			d are often designed to do
20.	harm.	ractivered to a r	a dirough an em	an acacimient an	a are often aesigned to do
	(1) Viruses		(2) Spam	(3) Portals	
	(4) Email messa	iges	(5) None of thes		
27.		age area for email			
_,,	(1) A folder	age area for email	(2) A directory		(3) A mailbox
	(4) The hard dis	ck	(5) None of thes	SA	(5) II manbox
28.		uter is also known	• •	, ,	
20.	(1) Palm Pilot	(2) PC	(3) Laptop	(4) Mainframe	(5) None of these
29.					outer, it is often called a(n)
<i>∟</i> 7.	file.	ams msu uctions (mat can be carrie	a out by the colli	pater, it is often called a(II)
	(1) Data	(2) Information	(3) Executable	(4) Annlication	(5) None of these
30.		verted toc			(o) none of these
50.	(1) a doc file	(2) http	(3) machine lan		
	(2) maxime ungaage				

	(4) HTML (5) None of thes	e			
31.					
	(1) On a CD (2) In secondary		(3) In the CPU		
	(4) In RAM (5) None of thes	e			
32.					
	location?				
	(1) The clipboard	(2) ROM	(3) CD-ROM		
	(4) The hard disk	(5) None of thes	e		
33.	In a spreadsheet, ais a nu	mber you will use	in a calculation.		
	(1) Label (2) Cell	(3) Field	(4) Value	(5) None of these	
34.	Clickcheck box of transiti	on in a slide grou _l	p of an animation	tab is you want to move a	
	slide automatically alter stipulated	d time.			
	(1) Transition timer	(2) Automaticall	ly after		
	(3) Transition after	(4) Automatic ti		(5) None of these	
35.	All of the following are included in	removable media	a Except-		
	(1) CD-ROMs	(2) Diskette	(3) VDs		
	(4) Hard Disk Drive	(5) None of thes			
36.	If you do not want to select any op	tion after opening	g a menu then clic	k menu title again or press	
	keyto close the menu.	(0) 7	(1) 74		
0=	(1) Shift (2) Tab	(3) Escape	(4) F1	(5) None of these	
37.	It is easier to change the name of		process.	(0) P	
	(1) Transforming	(2) Christening		(3) Renaming	
20	(4) Retagging	(5) None of thes			
38.	view shows how the conte	-	= =	_	
	(1) Draft	(2) Full Screen F	o .	(3) Outline	
39.	(4) Page Layout We can enter and edit the test effi	(5) None of thes	е		
39.	(1) Spreadsheet		(2) Word Proces	ging Drogram	
	(4) Desktop Publishing Program		(3) Word Proces	Silig Flografii	
40.	may be included in other f			ictura foldar	
TU.	(1) Mini folder	(2) Tiered folder	_	(3) Sub-folder	
	(4) Object	(5) None of thes		(5) Sub Tolker	
41.	is the act of copying			twork and making multiple	
1.21	copies of it.	or downloading a p	or ogrammom a ne	workana maning marcipe	
	(1) Network piracy	(2) Plagiarism	(3) Software pira	acv	
	(4) Site-license piracy	(5) None of thes			
42.	A directory within a directory is				
12.	(1) Mini directory	(2) Junior direct	orv	(3) Part directory	
	(4) Sub directory(5) None of thes		.01 y	(b) Tare unrectory	
43.					
ту.	Which is the definition of software package? (1) An add-on for your computer such as additional memory				
	(2) A set of computer programs u			yord processing	
			unction such as W	ora processing	
	(3) A protection you can buy for a	•	company comme	cical coftware	
	(4) The box, manual and licence a	igreement mat ac	company comme	icai Suitwai e	
	(5) None of these				

44.	Onlyprogram(s) become(s) active even though we can open many programs at a time.					
	(1) Four	(2) Three	(3) Two	(4) One	(5) None of these	
45 .	When the margins on both sides are straight and equal, then there isin document.					
	(1) Full justification (2) Full alignment					
	(3) Left justifica	tion	(4) Right justific	cation	(5) None of these	
46.	All of the follow	ings are included	in typical compu	ter programming	language which are in use	
	currently Excep	t.				
	(1) C++		(2) Java	(3) Visual Basic	NET	
	(4) Machine Lar	nguage	(5) None of the	se		
47.	When you make	graph and pictur	e in document, th	en your computer	holds the data in	
	(1) Restore file		(2) Backup driv	e (3) Clipboard		
	(4) Memory		(5) None of the	se		
48.	How will words	appear on the page	ge? We call it as			
	(1) Text formatt	ting	(2) Character fo	ormatting		
	(3) Point size		(4) Type face		(5) None of these	
49.	helps in	capturing row dat	a and entering in	to computer syste	em.	
	(1) CPU		(2) Integrated c	ircuit	(3) Input device	
	(4) Motherboar	d (5) None of thes	se			
50 .	Title bar, ribbon	ı, status bar, view:	s and document v	workspace are fac	tors ofprogram of	
	Words.					
	(1) Windows	(2) Browser	(3) Explorer	(4) Website	(5) None of these	
51 . '	Which type of me	mory holds only t	he program and o	data that the CPU i	s presently processing?	
	(1) CMOS	(2) ROM	(3) RAM	(4) ASCII	(5) None of these	
52 .	A button that m	akes character eit	her upper or low	er case and numb	ers to symbols.	
	(1) Monitor	(2) Shift Key	(3) Icon	(4) Mouse	(5) None of these	
53.	Pick the odd one	<u> </u>				
	(1) Mouse	(2) Scanner			(5) None of these	
54.	_	-	to address gene	ral purpose appl	lications special purpose	
	applications are					
	(1) Operating sy		(2) System soft			
	(3) Applications		(4) Managemen	t information sys	tem	
	(5) None of thes					
55.			computer what		do it is called a	
	(1) Program	(2) Command		(3) User respon	se	
.	(4) Processor	(5) None of thes			1. 11. 1	
56.			=		vork is called acard.	
	(1) Modem	(2) Video	(3) Sound	(4) Network	(5) None of these	
57.			_	what is in that pro	_	
=0	(1) Screen	(2) Icon	(3) Menu	(4) Backup	(5) None of these	
58.		_	-	d in a meaningful		
= C	(1) A process	(2) Storage	(3) Software		(5) None of these	
59.			=	_	ommonly used commands.	
60	(1) Menu bar	(2) Toolbar	(3) Window	(4) Find	(5) None of these	
60.		rs and symbols for			(F) Name (Cd)	
	(1) Icon	(2) Screen	(3) Keys	(4) Menu	(5) None of these	

61.	What menu is se	elected to print?			
	(1) File	(2) Tools	(3) Social	(4) Edit	(5) None of these
62.	Programs or a se	et of electronic ins	structions that tel	l a computer wha	t to do
	(1) Menu	(2) Monitor	(3) Hardware	(4) Software	(5) None of these
63.	A(n) Co:	ntains commands	that can be select	ted.	
	(1) Pointer	(2) Menu	(3) Icon	(4) Button	(5) None of these
64.	Microcomputer	hardware consist	s of there basic ca	ategories of physi	cal equipment-
	(1) Keyboard, m	onitor, hard drive			
	(2) System unit,	input/output me	mory		
	(3) System unit,	input/output, sed	condary storage		
	(4) System unit,	primary storage,	secondary storag	ge(5) None of thes	se
65.	A piece of hardy	vare that is used t	o enter informati	on into the comp	uter by using keys 3
	(1) Keyboard	(2) Monitor	(3) Hard disk	(4) Icon	(5) None of these
66.	Example of non-				
	(1) Employee ac		(2) Examination		
	• •	e (4) All of these		(5) None of thes	Se Se
67.		re available on the	=		
	(1) Keyboard	• •	(3) My Compute		(5) None of these
68.		ing, changing and	deleting file reco		
	(1) Updating	(2) Upgrading		(3) Restructurin	g
	(4) Renewing	(5) None of thes			
69.	•	n a keyboard are r			
		y (2) Grownups	(3) Big guys		
	(4) Upper case l		(5) None of thes		
70.		ke up a computer			(F) N (-1
5 4	(1) Menu	. ,	(3) Software	(4) Hardware	(5) None of these
71.		e that lets you see			(2) (1:0.1.
	(1) A disk drive		(2) Monitor-scr		(3) Shift key
72	(4) Printer		(5) None of thes	se	
72.	Bit in short for -		(2) Digital byta		(2) Dinawy digit
	(1) Binary syste(4) Binary unit	Ш	(2) Digital byte(5) None of thes	30	(3) Binary digit
73.		screen that renre			ı that you can select -
73.	(1) Keys	(2) Caps	(3) Icon	(4) Monitor	(5) None of these
74.		xample of an inpu		(1) Monitor	(3) None of these
, 1.	(1) Keyboard	(2) Monitor	(3) Mouse	(4) Central proc	essing unit(5) None of
	these	(2) Monton	(b) Mouse	(1) dental proc	cooling unit (b) Tronc of
75.		ot "boot" if it does	s not have the -		
	(1) Complier		(2) Loader	(3) Operating sy	vstem
	(4) Assembler		(5) None of thes		
76.	A command that	takes what has be			n be seen on the screen and
	sends it to the p	rinter for output o	on paper		
	(1) Print	(2) Return	(3) Jump	(4) Attention	(5) None of these
77.	A CPU contains -				
	(1) A card reade	r and printing dev	<i>r</i> ice		
	(2) An analytica	l engine and cont	rol unit		

	(3) A control unit and an arithmet	tic logic unit	(4) An arithme	etic logic unit and a card
	reader			
	(5) None of these	,	, ,	
78.	Powerful key that lets you exit is p			(#2.37
	(1) Arrow keys (2) Spacebar			
79.	The ability of an OS to run more t			
	(1) Multitasking	. , ,	ted programming	
	(3) Multi user computing		ng(5) None of thes	
80.	Which of the following statements		ne batch method o	of input?
	(1) Data is processed as soon as it	-		
	(2) Data is input at the time it is c			
	(3) Data is collected in the form o computer.	f source documer	its, placed into gro	oups, and then input to the
	(4) source documents are not use	d		
	(5) None of these			
81.	The term used to define all input a	and output device	es in computer sys	etem is
	(1) Monitor (2) Software	(3) Shared reso	urces	
	(4) Hardware (5) None of thes	e		
82.	Coded entries which are used to g	ain access to a co	mputer system ar	re called
	(1) Entry codes	(2) Passwords	(3) Security con	nmands
	(4) Code words	(5) None of thes	se	, ,
83.	The part of a computer that coord	linates all its fund	ction is called	
	(1) ROM program	(2) System boar	·d	
	(3) Arithmetic logic unit	(4) Control unit		(5) None of these
84.	represents raw facts,	whereas	is data made m	eaningful.
	(1) Information, reporting	(2) Data, inform	ation	
	(3) Information, bits	(4) Records, byt		(5) None of these
85.	What is the name for the process			
	written in a high level language in			=
0.6		(3) Translating	(4) Uploading	(5) None of these
86.	The benefits of using computers i			
	(1) Computers are very fast and c	_		
	(2) Computers provide accurate o	=	input is incorrect	
	(3) Computer are designed to be i			
07	(4) All of the above The function of C.P.U is	(5) None of thes	se	
87.	(1) To provide external storage of	toyt		
	(2) To communicate with the ope			
	(3) To read, interpret and process		and instruction	
	(4) To provide a hard copy	the information	(5) None of thes	20
88.	What characteristic of read-only	mamory (ROM) n		
00.	(1) ROM information can be easily		nakes it usetur:	
	(2) Data in ROM is nonvolatile, that	•	ara avan without	electrical nower
	(3) ROM provides very large amou			ciccu icai powci
	(4) ROM chips easily swapped be	=	_	r.
	(5) None of these		Tarras or compute.	
	(=) =			

89.	is th	e process of carry	ying out comman	ds.	
	(1) Fetching	(2) Storing	(3) Decoding	(4) Executing	(5) None of these
90.	Which of the foll	lowing perciphera	al devices displays	s information to a	user?
	(1) Monitor		(2) Keyboard	(3) Secondary st	corage devices
	(4) Secondary st	orage media	(5) None of thes	se	
91.	The "desktop" of	f a computer refer	rs to		
	(1) The visible se	creen		(2) The area aro	und the monitor
	(3) The top of th	ie mouse pad		(4) The inside of	fa folder
	(5) None of thes	e			
92.	What type of res	ource is most like	ely to be a shared	common resourc	es in computer network?
	(1) Keyboards		(2) Speakers	(3) Floppy disk	devices
	(4) Printers		(5) None of thes	se	
93.	To "maximize" a	window means			
	(1) Fill it to capa	acity	(2) Expand it to	fit the desktop	
	(3) Put only like	files inside	(4) Drag it to the	e recycle bin	(5) None of these
94.	The "home page	of a web site is .		4	
	(1) The largest p	age	(2) The last page	e	
	(3) The first pag	e	(4) The most co	lourful page	(5) None of these
95.	Personal compu	ter is			
	(1) MC	(2) SC	(3) YC	(4) PC	(5) None of these
96.	To put informat	ion in a file on a i	magnetic disk, or	in a computer's	memory, so it can be used
	later-				
	(1) Store	(2) Shop	(3) Shift	(4) Centre	(5) None of these
97.	Saving is the pro	ocess of			
		ument from mem			
		ges to a documen			
		e appearance, or o			
		document by ent	ering test using a	keyboard	
	(5) None of thes				
98.			= =	y and is a more p	permanent form of output
	-	ited on a display o		(2) II 1	
	(1) Soft copy		(2) Carbon copy		
00	(4) Desk copy		(5) None of thes		and the second of the
99.					on the screen to view
100	(1) Reverse	(2) Rerun	(3) Retrieve	(4) Return	(5) None of these
100.		system of		(2) Wahaita	
	(1) Software bur		(2) Web page	(3) Website	
101	(4) Interconnect		(5) None of thes		l geographical area, usually
101.	within a single b		mar computers wi	itiiiii a very iiiiiitet	i geographical area, usuany
	(1) LAN	(2) BAN	(3) TAN	(4) NAN	(5) None of these
102				manipulation is o	
102.	(1) Utilizing	(2) Batching	-	=	(5) None of these
103	. ,	, ,			sign and the name of
100.		r that manages th		-	
	(1) @	(2) #	(3) &	(4) *	(5) None of these
	C) -				

(1) Arithmetic (2) Procedures (3) Objects (4) Rules (5) None of these 105. A file extension is separated from the main file name with a (n)	104.	Software applies .	, also ca	lled algorithms, to	o process data.	
(1) Question mark (2) Exclamation mark (3) Underscore (4) Period (5) None of these 106. An ad hoc query is a		(1) Arithmetic ((2) Procedures	(3) Objects	(4) Rules	(5) None of these
(3) Underscore (4) Period (5) None of these 106. An ad hoc query is a	105.	A file extension is	separated from	the main file nam	e with a(n)	, but no spaces.
106. An ad hoc query is a		(1) Question mark	ζ	(2) Exclamation	mark	
(1) Pre-planned question (3) Spur-of-the-moment question (4) Question that will not return any results (5) None of these 107. A Web		(3) Underscore		(4) Period	(5) None of thes	se
(3) Spur-of-the-moment question (4) Question that will not return any results (5) None of these 107. A Web	106.	An ad hoc query is	s a			
(4) Question that will not return any results (5) None of these 107. A Web		(1) Pre-planned q	uestion	(2) Pre-schedule	d question	
107. A Web		(3) Spur-of-the-m	oment question			
(1) Hub (2) Site (3) Story (4) Template (5) None of these 108. A computer		(4) Question that	will not return a	ny results	(5) None of thes	se
108. A computer	107.	A Webco	onsists of one or	more Web pages	located on a Web	server.
itself, and spread to other files. (1) Worm (2) Virus (3) Trojan horse (4) Phishing scam (5) None of these 109. The desktop contains small graphics called		(1) Hub ((2) Site	(3) Story	(4) Template	(5) None of these
(1) Worm (4) Phishing scam (5) None of these 109. The desktop contains small graphics called	108.	A computer	is a set of p	rogram instructio	ons that can attac	h itself to a file, reproduce
(4) Phishing scam (5) None of these 109. The desktop contains small graphics called		itself, and spread t	to other files.			
109. The desktop contains small graphics called		(1) Worm		(2) Virus	(3) Trojan horse	
(1) Windows (2) Logos (3) Icons (4) Pictures (5) None of these 110. C, BASIC, COBOL, and Java are examples of		(4) Phishing scam		(5) None of thes	e	
110. C, BASIC, COBOL, and Java are examples of	109.	=		cs called		
(1) Low-level (2) Computer (3) System programming (4) High-level (5) None of these 111. A(n)camera is a peripheral device used to capture still images in a digital format that can be easily transferred into a computer and manipulated using graphics software. (1) Digital (2) Analog (3) Classic (4) Film (5) None of these 112makes it possible for shoppers to make purchases using their computers. (1) E-world (2) E-commerce (3) E-spend (4) E-business (5) None of these 113. What is e-commerce? (1) Buying and selling of international goods (2) Buying and selling of products and services over the internet (3) Buying and selling of products and services not found in stores (4) Buying and selling of products having to do with computers (5) Buying and selling of electronic goods 114. Networks are monitored by security personnel and supervised bywho set(s) up accounts and passwords for authorized network users. (1) IT managers (2) The government (3) Network administrators (4) Password administrators (5) None of these 115. Application software is designed to accomplish			. , 0			(5) None of these
(4) High-level (5) None of these 111. A(n)camera is a peripheral device used to capture still images in a digital format that can be easily transferred into a computer and manipulated using graphics software. (1) Digital (2) Analog (3) Classic (4) Film (5) None of these 112makes it possible for shoppers to make purchases using their computers. (1) E-world (2) E-commerce (3) E-spend (4) E-business (5) None of these 113. What is e-commerce? (1) Buying and selling of international goods (2) Buying and selling of products and services over the internet (3) Buying and selling of products and services over the internet (4) Buying and selling of products having to do with computers (5) Buying and selling of electronic goods 114. Networks are monitored by security personnel and supervised bywho set(s) up accounts and passwords for authorized network users. (1) IT managers (2) The government (3) Network administrators (4) Password administrators (5) None of these 115. Application software is designed to accomplish	110.		and Java are exa	•	0 0	
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(1) Buying and selling of international goods (2) Buying and selling of products and services over the internet (3) Buying and selling of products and services not found in stores (4) Buying and selling of products having to do with computers (5) Buying and selling of electronic goods 114. Networks are monitored by security personnel and supervised bywho set(s) up accounts and passwords for authorized network users. (1) IT managers (2) The government (3) Network administrators (4) Password administrators (5) None of these 115. Application software is designed to accomplish	110		-	(3) E-spend	(4) E-business	(5) None of these
(2) Buying and selling of products and services over the internet (3) Buying and selling of products and services not found in stores (4) Buying and selling of products having to do with computers (5) Buying and selling of electronic goods 114. Networks are monitored by security personnel and supervised bywho set(s) up accounts and passwords for authorized network users. (1) IT managers (2) The government (3) Network administrators (4) Password administrators (5) None of these 115. Application software is designed to accomplish	113.					
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(3) Network administrators (4) Password administrators (5) None of these 115. Application software is designed to accomplish			words for addition			
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(3) Gaming tasks (4) Operating - system tasks (5) None of these 116. A telephone number, a birth date, and a customer name are all examples of (1) A record (2) Data (3) A file (4) A database (5) None of these 117. The human-readable version of a program is called	110.	= =	_	-		
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(1) A record (2) Data (3) A file (4) A database (5) None of these 117. The human-readable version of a program is called	116.		er. a birth date.	and a customer n	ame are all exami	ples of
117. The human-readable version of a program is called		-				-
(1) Source code (2) Program code (3) Human code	117.		. ,		. ,	
			. ,	_		(3) Human code
		(4) System code				

• • •		all, lightweight personal computer that ssing components into a single portable
unit	our u, ovorugo, uma provo	some component more a smalle por more
(1) Notebook (2) Journal	(3) Diary (4) I	Briefcase (5) None of these
119. is the result produced by	a computer.	
(1) Data (2) Memory	(3) Output (4) I	input (5) None of these
120. Programs such as Internet Explo	rer that serve as navigal	ole windows into the Web are called
(1) Hypertext	(2) Networks	(3) Internet
(4) Web browsers	(5) None of these	
121. Ais a device that not on	ly provides surge protec	tion, but also furnishes your computer
with battery backup power durir		
(1) Surge strip (2) USB		Battery strip (5) None of these
122. When you save to, you		even when the computer is turned off.
(1) RAM	(2) Motherboard	
(3) Secondary storage device	(4) Primary storage d	levice (5) None of these
123. The motherboard is the		
(1) Circuit board that houses per	ripheral devices	
(2) Same as the CPU chip	1 1 1	
(3) The first chip that is accessed	•	
(4) Circuit board that contains a		(5) None of these
124. A computer-intensive problem ru		Supergementer
(1) Server(2) Mainframe(4) Super PC(5) None of the		Supercomputer
125. A(n)converts and exect		timo
		Instructions (5) None of these
126. The termdesignates eq		
its functionality.	dipinent that inight be a	daed to a computer system to emianee
(1) Digital device (2) System add-	on	
(3) Disk pack	(4) Peripheral device	(5) None of these
127. Approximately how many bytes	make one Megabyte?	
(1) One thousand	(2) Ten thousand(3) (One hundred
(4) One million	(5) None of these	
128. What is MP3?		
(1) A mouse	(2) A printer (3) A	A sound format
(4) A scanner	(5) None of these	
129. All the deleted files go to		
(1) Recycle Bin	(2) Task Bar	(3) Tool Bar
(4) My Computer(5) None of the	se	
130. In MICR, C stands for		
(1) Code (2) Colour	(3) Computer (4) (Character (5) None of these
131. Fax machines and imaging system	-	
(1) Bar-code readers	(2) Imaging systems	
(3) Scanning devices	(4) Pen-based system	
132. When writing a document, you c		
alternative word if you find your	=	
(1) Dictionary	(2) Word finder	(3) Encyclopedia
(4) Thesaurus	(5) None of these	

133.	A disk's content that is recorded at	the time of manufa	cture and that ca	annot be changed or erased
	by the user is			
	(1) Read-only	(2) Memory-only		
	(4) Write-only	(5) None of these		
134.	In an information system, alphanu		-	
	(1) Sentences and paragraphs	(2) Numbers and	=	
	(3) Graphic shapes and figures	(4) Human voice	and other sound	ds
	(5) None of these	_		
135.	When installing, the user ROM or other medium to the hard	= -	sually decompre	ss program files from a CD-
	(1) Programming software	(2) System hardw		
	(3) Applications hardware	(4) Applications s	software	
	(5) None of these			
136.	A collection of interrelated files in	•		
	(1) File manager (2) Field	(3) Record		
	(4) Database	(5) None of these		
137.	Acomputer is a large an		uter capable of	simultaneously processing
	data for hundreds or thousands of			
		(3) Desktop	. ,	(5) None of these
138.	The trend in computer systems is			interfaces (GUIs). In these
	operating systems, a track ball is d		X	,
	(1) A roller ball which moves the c		4.1	CDT
	(2) A pen-shaped device which allo			e CRT screen
	(3) A figures which resembles a fa			
120	(4) An outdated input device		(5) None of thes	
139.	Various applications and document	-		
140	(1) Symbols (2) Labels What is usually used for displaying	(3) Graphs		(5) None of these
140.	What is usually used for displaying		-	rojections
	(1) Monitors(3) Monitors and Overhead Project		(2) Overhead Pi (4) Touch Scree	•
	(5) None of these	ctions	(4) Touch Scree	II KIUSKS
	(3) Notice of these			
141.	The real business and competitive	value of informati	ion technology l	ies in
	(1) The software applications that			100 111
	(2) The capabilities of the softwar	-	=	usiness acquires and uses
	(3) The infrastructure of hardware many companies			
	(4) The capabilities of the hardwa	re and the speed a	t which it proce	esses information
	(5) None of these		p	
142.	Companies use which of the follow	ring vendors to pro	vide access to so	oftware and services rather
	than purchasing the applications a	•		
	(1) Open source vendors	(2) Alliances	(3) Application	service providers
	(4) All of the above	(5) None of these		
143.	Which one of the following would	l be considered as	a way that a co	omputer virus can enter a
	computer system?			
	(1) Opening an application previo	usly installed on th	e computer	
	(2) Borrowed copies of software			

	(3) Viewing a we	ebsite without car	using any addition	nal transactions	
	(4) Running ant	ivirus programs		(5) None of thes	e
144.	Collecting perso	nal information a	and effectively po	sing as another i	ndividual is known as the
	crime of				
	(1) Spooling	(2) Identity theft	(3) Spoofing		
	(4) Hacking	(5) None of thes	e		
145.	=	the transaction p			
	(1) Database ope		(2) Audit	(5) 2 4 4 5 11 4 5	
	(4) User inquiry		(5) None of thes		
146.		on systems conce	=		
		d assembling eler		-	rocessed
		ion processes tha	=	=	
	(3) Transferring destination	elements that hav	e been produced l	oy a transformatio	on process to their ultimate
	(4) Monitoring a achievement	_	edback to determi	ine whether a sys	tem is moving toward the
	(5) None of thes	_		, 1	
147		ed text to all capit	ml latters click th	e change case but	ton then click
177.		(2) Upper all		(4) Lock upper	
	(1) opperease	(2) opper an	(5) Capsiock	(1) Lock upper	(3) har ge size
14.8	A nerson who i	ises his or her e	ynartica to gain	access to other r	people's computers to get
140.	=	gally or to damage	_	access to other p	scopic's computers to get
	(1) Hacker	any or to damage	(2) Analyst	(3) Instant mess	enger
	(4) Programmer	•	(5) Spammer	(b) msume mess	ienger
149	. , .	nnects to a networ		e of cables is said	to he
1171	(1) Distributed				(5) None of these
150		storage will typic			(b) None of these
150.	(1) CD	(2) DVD	(3) ROM	(4) RW	(5) ROS
151		on type of storage		(1) 100	(0) 1100
131.	(1) Persistent	(2) Optical	(3) Magnetic	(4) Flash	(5) Steel
152.				. ,	iter-readable are known as
102.	(1) An ASCII cod		(2) A magnetic t	_	(3) A bar code
	(4) An OCR scan		(5) None of thes	=	(3) II bui code
153.		rt description, and			inles of
1001	(1) Control	(2) Output	(3) Processing		(5) Input
154		rties of an object,			(o) input
1011	(1) Dragging	reies of all objects	(2) Dropping	ique to use is	(3) Right-clicking
		g (5) None of thes			(b) rught eneming
155.				store data and per	form calculations.
	(1) Binary		(2) Octal		(3) Decimal
		(5) None of thes			
156.				onfidential informa	ation from you by falsifying
	their identity.				
	(1) Phishing trip)S	(2) Computer vi	rus	
	(3) Spyware sca		(4) Viruses	(5) Phishing sca	ms
	(J) Jpy wai e sta	1113	(T) viruses	(J) i maining sta	1113

157.	Why is it unethic	cal to share copyr	ighted files with y	your friends?	
	(1) It is not unethical, because it is legal.				
	(2) It is unethical	al because the files	s are being given	for free.	
	(3) Sharing copy	righted files with	out permissions	breaks copyright l	laws.
	(4) It is not unet	hical because the	files are being giv	ven for free.	
	(5) It is not unet	hical- anyone can	access a comput	er	
158.	Which of the foll	lowing can be use	d to select the ent	tire document?	
	(1) CTRL+A	(2) ALT+F5	(3) SHIFT+A	(4) CTRL+K	(5) CTRL+H
159.	To instruct Word	d to fit the width	of a column to th	e contents of a ta	ble automatically, click the
	Buttor	and then point to	o Auto fit Content	ts.	
	(1) Fit to form	(2) Format	(3) Autosize	(4) Contents	(5) Autofit
160.	What is the perm	nanent memory b	uilt into your cor	nputer called?	
	(1) RAM	(2) Floppy	(3) CPU	(4) CD-ROM	(5) ROM
161.	The default view	in Excel is	view.		A
	(1) Work	(2) Auto	(3) Normal	(4) Roman	(5) None of these
162.	Grouping and pr	ocessing all of a f	irm's transaction	s at one time is ca	lled
	(1) A database management system (2) Batch processing			ssing	
	(3) A real-time s	ystem		(4) An on-line sy	ystem
	(5) None of thes	e			
163.	Help menu is ava	ailable at which bu	ıtton?		
	(1) End	(2) Start	(3) Turnoff	(4) Restart	(5) Reboot
164.	You can keep yo	ur personal files/f	folders in		
	(1) My folder	(2) My documen	ts	(3) My files	(4) My text
	(5) None of thes	e			
165.	=		ections of data an	d programs for ma	any PCs, workstations, and
	other computers	. ,			
	(1) Supercompu	ter	(2) Minicomput		
	(3) Laptop		(4) Server	(5) None of thes	
166.		Folder retains cop	ies of message th	iat you have starte	ed but are not yet ready to
	send.		(2) Outhor	(2) Address has	l.
	(1) Drafts(4) Send Items		(2) Outbox (5) Inbox	(3) Address bool	K
167		a search by prov		mation the search	n engine can use to select a
107.		eful set of results.	_	mation the search	i eligilie cali use to select a
	(1) Refine	(2) Expand	(3) Load	(4) Query	(5) Slowdown
168.		are lost w			(b) blowdown
200.	(1) Storage	(2) Input	(3) Output	(4) Memory	(5) None of these
169.	. ,	• • •		•	pages open in one browser
	window.	<i>y</i> = 1 30 .		1 1	
	(1) Tab box		(2) Pop-up help	er	(3) Tab row
	(4) Address bar		(5) Esc bar		

170.	A DVD is an exar	nple of a(n)				
	(1) Hard disk		(2) Optical disk	(3) Output devic	e	
	(4) Solid-state st	orage device	(5) None of thes	(5) None of these		
171.	The basic unit of	f a worksheet into	which you enter	data in Excel is ca	alled a	
	(1) Tab	(2) Cell	(3) Box	(4) Range	(5) None of these	
172.	Is the	e process of divid	ing the disk into	tracks and sectors	S.	
	(1) Tracking	(2) Formatting	(3) Crashing	(4) Allotting	(5) None of these	
173.	Which ports con	nect special types	s of music instrun	nent to sound car	ds?	
	(1) BUS	(2) CPU	(3) USB	(4) MIDI	(5) MINI	
174.	The process of tr	ransferring files fr	om a computer o	n the Internet to	your computer is called	
	(1) Downloading	g (2) Uploading		(3) FTP		
	(4) JPEG		(5) Downsizing			
175.			s to bring togethe	r copies of work b	ooks that other users have	
	worked on indep	=				
	() 11 0				(5) None of these	
176.	-	onnect to your ow	n computer thro	ugh the Internet	from another location, you	
	can use		(2) ETD	(2) In atom the age		
	(1) E-mail		(2) FTP	(3) Instant mess	rage	
177	(4) telnet	naga proce the	(5) None of thes			
1//.	(1) Redo	page, press the (2) Reload		(4) Ctrl	(5) Refresh	
17Ω		ce is best describe		(4) 601	(3) Kellesli	
170.		osks in marketing				
	(2) Transporting					
		selling goods/serv	vices through wir	eless handheld dev	vices	
	. , ,	ook PCs in market				
	(5) None of the a		8			
179.		s consist of	and, whicl	h store and proces	ss image.	
	-	(2) CPU and men		-		
	(3) VGA and men	mory	(4) VGI and DVI	(5) None of thes	se	
180.	are wo	ords that a progra	mming language	has set aside for i	ts own use.	
	(1) Control word	ls	(2) Control struc	ctures		
	(3) Reserved wo	rds	(4) Reserved ke	ys	(5) None of these	
181.	What is the prod	cess of copying so	oftwae programs	from secondary	storage media to the hard	
	disk called?					
	(1) Configuration	n	(2) Download		(3) Storage	
	(4) Upload		(5) Installation			
182.	=	=		=	ata through various modes	
	_	canning or at an e				
		nd report generat		(2) Database ma	intenance	
		procesing start-up	0 (4) Data Entry			
	(5) None of thes	е				

183.	. When the pointer is poitioned on a, it is shaped like a hand.				
	(1) Grammer er	ror	(2) Formatting	error	(3) Screen Tip
	(4) Spelling erro	or	(5) Hyperlink		
184.	The computer al	bbreviation KB us	ualy means		
	(1) Key Block	(2) Kernel Boot	(3) Key Byte	(4) Kit Bit	(5) Kilo Byte
185.	Which of the foll	lowing are advant	ages of CD-ROM a	is a storage media	1?
	(1) CD-ROM is a	n inexpensive way	y to store large ar	nount of data and	information.
	(2) CD-ROM disk	s retrieve data and	information more	e quickly thn magn	etic disks do.
	(3) CD-ROMs ma	ake less errors tha	n magnetic medi	a.	
	(4) All the above	e (5) None of thes	e		
186.	A(n) is a s	special visual and	audio effect appl	ied in Powerpoin	t to text or content.
	(1) Animation	(2) Flash	(3) Wipe	(4) Dissolve	(5) None of these
187.	Which of the foll	lowing is a storage	e device that uses	rigid, permanent	ly installed magnetic disks
	to store data/inf	ormation?			
	(1) Flopy diskett	te	(2) Hard Disk	(3) Permanent of	lisk
	(4) optical disk		(5) None of thes		1
188.	-		-	r's digital signal t	o an analog signal that can
		hone lines is calle			
	(1) Red wire	(2) Blue cord	(3) Tower	(4) Modern	(5) None of these
189.	_	ters can be conne	_		·
	(1) Server		(2) Supercompu		(3) Network
	(4) Enterprise		(5) None of thes		
190.		term used when a	search engine r	eturns a Web pag	ge that matches the search
	criteria.	(3) 11:4	(2) Link	(4) 17:	(F) C
101	(1) Blog	(2) Hit	(3) Link	(4) View	(5) Success
191.		he term used to d	escribe the wind	ow that is current	being
	(3) WordPad win	(2) Display area	(4) Active windo	NAZ	(5) Monitor
102	CPU is an abbrev		(4) Active willuc) vv	(3) Mollitoi
1 / 2.	(1) Central progr		(2) Central proc	essing unit	
	(3) Computer pr		(4) Computer p		
	(5) Central proto		(1) dompater p	otocor unit	
193.		or is the brain of t	he computer and	is also called an	
	(1) Microchip		(2) Macrochip	(3) Microproces	sor
	(4) Calculator		(5) Software		
194.	Storage and mer	nory differ with r	espect to which o	of the following ch	aracteristics?
	(1) Price	(2) Reliability	(3) Speed	(4) All of these	(5) None of these
195.	What are the two	o example of freev	vare?		
	(1) WinZip and l	Linux			
	(2) Shareware a	nd file sharing			
	(3) Microsoft wo	ord and the Google	e toolbar		
	(4) Instant mess	aging and the Goo	ogle toolbar		
	(5) Microsoft Po	werPoint and Mic	crosoft excel		

196.	Even if a disk fails, the computer application running and using it can continue processing. This					
	application is said to have been de	esigned with the f	uture called			
	(1) 100 percent up-time	(2) Fault to clear	ance			
	(3) High reliability	(4) All of these		(5) None of these		
197.	What are the four thing required t	to connect to the i	internet?			
	(1) Telephone line, Modem, Compu	uter and an ISP				
	(2) Modem, computer, PDA and IS	P				
	(3) Telephone line, PDA, Modemar	nd Computer				
	(4) Computer, ISP, Modem and cor	nmunication soft	ware			
	(5) Monitor, Keyboard, Mouse and	Modem				
198.	Which of the following function is	not performed by	y servers?			
	(1) Email processing	(2) Database sha	iring			
	(3) Processing websites	(4) Storage	(5) Word proces	sing		
199.	Which media has the ability to ha	ve data /informat	ion stored (writte	en)on them by users more		
	then once?					
	(1) CD-R disks	(2) CD-RW disks	s (3) Zip disks			
	(4) Opti disks	(5) Both CD-RW	disks and zip disl	ks		
200.	The process of transferring files	from a computer	on the internet t	o your computer is called		
	(1) Downloading (2) Uploading		(3) FTP			
	(4) JPEG	(5) Downsizing				
201.	Thecontrols a client's con	mputer resources).			
	(1) Application program	(2) Instruction s	et			
	(3) Operating system	(4) Server applie	cation	(5) Compiler		
202.	Which of the following could be di	gital input devices	s for computer?			
	(1) Digital camcorder	(2) Microphone		(3) Scanner		
	(4) All of the above	(5) None of the a	above			
203.	You can use thebar to typ	e a URL and displ	lay a web page , or	type a keyword to display		
	a list of related web pages.					
	(1) Menu (2) Title			(5) Address		
204.	Storage media such as CD read an		_			
	(1) A laser beam of red light	(2) Magnetic dot	S	(F) N (.1)		
205	(3) Magnetic strips	(4) All of these		(5) None of these		
205.	Vendor-created programme modification (1) Potabos (2) Antivirus			(E) Overland		
206	(1) Patches (2) Antivirus Cache and main memory will lose	(3) Holes	(4) Fixes	(5) Overlaps		
200.	(1) Dynamic (2) Static	(3) Volatile	(4) Non- volatile	-		
207	The collection of links throughou					
207.		it the internet ere	laces an intercon	nected network caned the		
	(1) WWW	(2) Web	(3) World wide w	veb		
	(4) All of the above	(5) World area w				
208.	Every computer has an					
	(1) Operating system; a client syst	-		stem; instruction sets		
	(3) Application programs ;an open					
	(4) Application programs ;a client					
	(5) Operating system; application programs					

209.	Main memory works in conjunction	on with		
	(1) Special function cards	(2) RAM	(3) CPU	(4) Intel
	(5) All of these			
210.	A sales clerk at a checkout count	ter scanning a tag	g on an item ratl	ner than keying it into the
	system, is using			
	(1) Input automation	(2) Item data aut	tomation	
	(3) Scanning automation	(4) Source data a	automaton	
	(5) None of these			
211.	A(n) Is composed of se	everal computers	connected toget	her to share resources and
	data.	•		
	(1) Internet (2) Network	(3) Backbone	(4) Hyperlink	(5) Protocol
212.	Microsoft office is an example of a			
		(2) Open-source	e software	
	(3) Horizontal -market software			(5) Compiler
213.	A popular way to learn about com			
	(1) I-learning	(2) Isolated learn		(3) E-learning
	(4) Close learning	(5) Distance lear	O	(6) 2 1001 111119
214	Which of the following is an exam		•	
211.	(1) Magnetic disk	(2) Tapes	(3) DVDs	(4) All of these
	(5) None of these	(2) Tapes	(3) 0 1 0 3	(4) All of these
215	Which of the following is an exam	nle of an ontical d	lielz?	,
213.		(2) Magnetic dis		
	. , ,	. , .		(E) Nana of those
216	(3) Memory disks	(4) Data bus disl	KS	(5) None of these
210.	The main job of a CPU is to			
	(2) Store data/information for future			
	(3) Process data and information	ire use		
	(4) Both (1) and (3)		(5) None of thes	Se
217.	An example of a processing device	would be		
	(1) A magnetic ink character		(3) Special func	tion cards
	(4) Scanners	(5) Keyboards		
218.	Which of the following is not a typ	e of computer so	ftware which can	be bought?
	(1) Off-the-shelf	(2) Tailor -made	(3) Custom-deve	eloped
	(4) Off-the-shelf with alteration.	(5) All of these of	can be purchased.	
219.	You can useto copy	selected text, and	dto paste it in a	a document.
	(1) CTRL+C, CTRL+V	(2) CTRL+C, CTI	RL+P	
	(3) CTRL+S, CTRL+S	(4) CTRL+C, CTI	RL+P	
	(5) CTRL+D, CTRL+A			
220.	The main memory of a computer of			
	(1) Primary storage	(2) Internal mer	nory	
	(3) Primary memory	(4) All of these		(5) None of these
221.	Computer software can be defined			
	(1) The computer and its associate	= =	1.	
	(2) The instructions that tell the co	•		
	(3) Computer components that ac	-	0	
	(4) An interface between the comp	puter and the net	work.	

	(5) The interaction between the computer and its database.					
222.	222. When speaking of computer input and output, input refers to					
	(1) Any data processing that occurs from new data input into computer					
	(2) Retrieval of data or information that has been entered into the computer.					
	(3) Data or information that has been entered into the computer					
	(4) The transmission of data that has been entered into the computer					
	(5) Both(3) and(4)					
223.	Ais a set of rules.					
	(1) Resource locator	(2) Domain	(3) Hypertext			
	(4) URL	(5) Protocol				
224.	The connection between your con	=	=	is called		
	(1) The last mile	(2) The home st				
	(3) The home page	(4) The backbon		(5) The vital mile		
225.	All of the logic and mathematical of		by the computer	happen in/on the		
	(1) System board(2) Central contr					
		(4) Mother boar	· ·	(5) Memory		
226.	There are several primary categor	ories of procedur	es. Which of the	following is not a primary		
	category of procedures?	MO GOLLOWY	(2) Einervall dev	alanmant		
	(1) Testing (2) Backup and 1	•	(3) Firewaii dev	еюршеш		
227	(4) Design (5) None of thes The operating system called UNIX		for			
227.	(1) Desktop computers	(2) Laptop com				
	(3) Super computers	(4) Web servers		(5) All of these		
228	Thefile format is meth					
220.	(1) HTML (2) JPEG	(3) FTP	(4) URL	(5) DOC		
229.	Press to move the insertion p			• •		
	box.		00 0011, 01 00 1118111	.8		
	(1) ALT + D	(2) ALT +A	(3) SHIFT + TAE	3		
	(4) TAB + CTRL (5) CTRL + S					
230.	Computer systems are comprised	of				
	(1) Hardware, Programs, information	tion, people and r	networks			
	(2) Hardware, software, procedure	es, networks, and	l people			
	(3) Hardware, programs, information	tion, people and ր	orocedures			
	(4) Hardware, Programs, Processo	ors, Procedures, r	networks and peo	ple		
	(5) Hardware, Programs, processo	_				
231.	The operation of combining two co	_				
	(1) Join Cells (2) Merge Cells	(3) Merge Table	(4) Join Table	(5) None of these		
232.	Which of the following can be use	d to store a large	number of files in	a small amount of storage		
	space?					
	(1) file adjustment	(2) file copying		(3) file reading		
	(4) file compatibility	(5) file compres				
233.	In a computer most processing tal	_				
	(1) Memory	(2) RAM		(3) Motherborad		
	(4) CPU	(5) None of thes	se			

234.	Data is organized	l in a work sheet	as		
	(1) Charts and di	iagrams	(2) Rows and Co	lumns	
	(3) Tables and Bo	oxes	(4) Graphs		(5) None of these
235.	Which of the foll	owing is an exam	ple of a binary nu	mber?	
	(1) 6AH1	(2) 100101	(3) 005	(4) ABCD	(5) 23456
236.	Spell Check will,	find errors in whi	ich of the followin	ng?	
	(1) Today is a rai	ny day	(2) Today is a rai	iny a day	(3) is a rainy
	(4) Rainy today a	ı day	(5) None of thes	e	
237.	Which of the foll	owing is not a sto	rage medium?		
	(1) Hard Disk	(2) Flash drive	(3) DVD	(4) CD	(5) Keyboard
238.	In Excel, when th	e contents and at	tributes of a cell of	or range of cells h	ave to be erased using the
	menu, the user n	nust		_	_
	(1) Select the cel	ls, choose Edit an	d select Clear, ther	n All	
	(2) Select the cel	ls, and click delete	on the keyboard		
	(3) Select the cel	ls, choose Tools, a	nd select Clear, th	en Formats	
	(4) Select the cel	ls, choose Tools, a	nd slect Formula A	Audit, then Delete	1
	(5) None of these	е			
239.	If an Excel Works	sheet is to be link	ed for use in a Pov	wer Point present	ation, the following should
	be clicked				
	(1) Edit, Paste Sp	pecial	(2) Edit, Paste	\ \ \ \ \ \	(3) Edit, Copy
	(4) File, Copy		(5) None of thes	e	
240.	Ram stands for				
	(1) Random Acce	-	(2) Ready Applie		652 Nr 6.1
0.44	(3) Read Access	=	(4) Remote Acce		(5) None of these
241.		owing is hardwar			
	(1) Excel(3) Operating Sy	stom	(2) Printer drive(4) Power Point	Г	(5) Control Unit
242		nenu would the us	• 1	a document?	(3) Colludi Ollic
212.		(2) File	,		(5) None of these
243.		owing is not true			(b) None of these
		ections of data say	-		
	(2) Every file has	a file name.			
	(3) A file extension	on is established l	by the user to ind	icate the date it w	as created
	(4) Usualy files co	ontain data.		(5) None of thes	e
244.		me for a modulato			
	(1) Modem	(2) Joiner	(3) Networker		(5) Demod
245.	-	when you click th	•	itton?	
		ect as the left clicl	ζ	(2) N (6)	
	(2) A special men		. J	(3) No effect	
246		not be right clicked		(5) Computer go D document	
240.		the Format meni		(2) Select Font ir	
	• •			• •	(5) None of these
247.	-	ms ope		moore menu	(5) Home of these
	(1) Logarithm-ba	-	(2) ASCII	(3) Algorithm-ba	ased
	(4) Arithmetic		(5) None of thes		

248.	Excel is a program that is used to	prepare a			
	(1) Database	(2) Text docume		(3) Spreadsheet	
	(4) Slide Presentation	(5) None of these	e		
249.	consists of volatile chips the	hat temporarily st	tore data or instru	ctions.	
	(1) CPU (2) ROM	(3) RMA	(4) RAM	(5) None of these	
250.	How many kilobytes make a mega	byte?			
	(1) 128 (2) 1024	(3) 256	(4) 512	(5) 64	
251 .	In order to delete a sentence from	a document you v	vould use		
	(1) Highlight and Copy	(2) Cut and Paste	e		
	(3) Copy and Paste	(4) Highlight and	d Delete		
	(5) Select and Paste				
252.	Editing a document that has been	created means			
	(1) Saving it (2) Printing it	(3) Scanning it	(4) Correcting it	(5) None of these	
253.	In a computer, how many bits does	s a nibble signify?			
	(1) 4 (2) 8	(3) 16	(4) 32	(5) 64	
254.	Which of the following is not true	about a compiler	?		
	(1) Translates instruction of a high	n level language in	to machine langua	age	
	(2) Translates entire source progr	am into machine	language progran	1	
	(3) It is involved in program's exe	cution			
	(4) Is a translating program		(5) Is useful to ru	ın programs	
255.	Keyboards, scaners, and micropho	ones are examples	of		
	(1) Software Programs (2) Input devices				
	(3)Output devices	(4) Utilities	(5) None of these	9	
	6. When machine instructions are being executed by a computer, the instruction phase followed by				
256.			computer, the inst	ruction phase followed by	
256.	the execution phase is referred to	as	_	ruction phase followed by	
256.	the execution phase is referred to (1) Program Cycle	as(2) Machine inst	ructions		
	the execution phase is referred to (1) Program Cycle (3) Execution Cycle	as (2) Machine inst (4) Task Cycle	_		
	the execution phase is referred to (1) Program Cycle (3) Execution Cycle In Windows ME. What does ME sta	as	ructions (5) Machine Cycl		
	the execution phase is referred to (1) Program Cycle (3) Execution Cycle In Windows ME. What does ME sta (1) Millennium	as	ructions (5) Machine Cycl	е	
257.	the execution phase is referred to (1) Program Cycle (3) Execution Cycle In Windows ME. What does ME sta (1) Millennium (3) Macro-Expert	as	ructions (5) Machine Cycl	e (5) My-Expert	
257.	the execution phase is referred to (1) Program Cycle (3) Execution Cycle In Windows ME. What does ME sta (1) Millennium (3) Macro-Expert Which of the following refers to the	as	ructions (5) Machine Cycl t and most, expens	e (5) My-Expert ive computers?	
257.	the execution phase is referred to (1) Program Cycle (3) Execution Cycle In Windows ME. What does ME sta (1) Millennium (3) Macro-Expert Which of the following refers to th (1) Noteooks	as	ructions (5) Machine Cycl t and most, expens	e (5) My-Expert	
257. 258.	the execution phase is referred to (1) Program Cycle (3) Execution Cycle In Windows ME. What does ME sta (1) Millennium (3) Macro-Expert Which of the following refers to th (1) Noteooks (4) Supercomputers	as	ructions (5) Machine Cycl t and most, expens	e (5) My-Expert ive computers?	
257. 258.	the execution phase is referred to (1) Program Cycle (3) Execution Cycle In Windows ME. What does ME sta (1) Millennium (3) Macro-Expert Which of the following refers to th (1) Noteooks (4) Supercomputers Which is not a baisc function of a	as	ructions (5) Machine Cycl t and most, expens	e (5) My-Expert ive computers?	
257. 258.	the execution phase is referred to (1) Program Cycle (3) Execution Cycle In Windows ME. What does ME sta (1) Millennium (3) Macro-Expert Which of the following refers to th (1) Noteooks (4) Supercomputers Which is not a baisc function of a (1) Accept and process data	as	ructions (5) Machine Cycl t and most, expens	e (5) My-Expert ive computers?	
257.258.259.	the execution phase is referred to (1) Program Cycle (3) Execution Cycle In Windows ME. What does ME sta (1) Millennium (3) Macro-Expert Which of the following refers to th (1) Noteooks (4) Supercomputers Which is not a baisc function of a (1) Accept and process data (4) Store data	as	ructions (5) Machine Cycl t and most, expens nputers (3) Process data	e (5) My-Expert ive computers?	
257.258.259.	the execution phase is referred to (1) Program Cycle (3) Execution Cycle In Windows ME. What does ME sta (1) Millennium (3) Macro-Expert Which of the following refers to th (1) Noteooks (4) Supercomputers Which is not a baisc function of a (1) Accept and process data (4) Store data Which of the following is not a ter-	as	ructions (5) Machine Cycle t and most, expens nputers (3) Process data mail?	e (5) My-Expert ive computers? (3) Laptops	
257.258.259.260.	the execution phase is referred to (1) Program Cycle (3) Execution Cycle In Windows ME. What does ME sta (1) Millennium (3) Macro-Expert Which of the following refers to th (1) Noteooks (4) Supercomputers Which is not a baisc function of a (1) Accept and process data (4) Store data Which of the following is not a ter (1) Power Point (2) Inbox	as	ructions (5) Machine Cycle and most, expens nputers (3) Process data mail? (4) Receiver	e (5) My-Expert ive computers? (3) Laptops (5) None of these	
257.258.259.260.	the execution phase is referred to (1) Program Cycle (3) Execution Cycle In Windows ME. What does ME sta (1) Millennium (3) Macro-Expert Which of the following refers to th (1) Noteooks (4) Supercomputers Which is not a baisc function of a (1) Accept and process data (4) Store data Which of the following is not a ter (1) Power Point (2) Inbox Peripheral devices such as printer	as	ructions (5) Machine Cycle and most, expens nputers (3) Process data mail? (4) Receiver re considered to b	e (5) My-Expert ive computers? (3) Laptops (5) None of these e	
257.258.259.260.261.	the execution phase is referred to (1) Program Cycle (3) Execution Cycle In Windows ME. What does ME sta (1) Millennium (3) Macro-Expert Which of the following refers to th (1) Noteooks (4) Supercomputers Which is not a baisc function of a (1) Accept and process data (4) Store data Which of the following is not a ter (1) Power Point (2) Inbox Peripheral devices such as printer (1) Data (2) Software	as	ructions (5) Machine Cycle and most, expens nputers (3) Process data mail? (4) Receiver re considered to b (4) Information	e (5) My-Expert ive computers? (3) Laptops (5) None of these	
257.258.259.260.261.	the execution phase is referred to (1) Program Cycle (3) Execution Cycle In Windows ME. What does ME sta (1) Millennium (3) Macro-Expert Which of the following refers to th (1) Noteooks (4) Supercomputers Which is not a baisc function of a (1) Accept and process data (4) Store data Which of the following is not a ter (1) Power Point (2) Inbox Peripheral devices such as printer (1) Data (2) Software Which of the following is required	as	ructions (5) Machine Cycle and most, expens nputers (3) Process data mail? (4) Receiver re considered to b (4) Information	(5) My-Expert ive computers? (3) Laptops (5) None of these e	
257.258.259.260.261.	the execution phase is referred to (1) Program Cycle (3) Execution Cycle In Windows ME. What does ME sta (1) Millennium (3) Macro-Expert Which of the following refers to th (1) Noteooks (4) Supercomputers Which is not a baisc function of a (1) Accept and process data (4) Store data Which of the following is not a ter (1) Power Point (2) Inbox Peripheral devices such as printer (1) Data (2) Software Which of the following is required (1) Browser	as	ructions (5) Machine Cycle and most, expense nputers (3) Process data mail? (4) Receiver re considered to b (4) Information IL document?	e (5) My-Expert ive computers? (3) Laptops (5) None of these e	
257. 258. 259. 260. 261.	the execution phase is referred to (1) Program Cycle (3) Execution Cycle In Windows ME. What does ME sta (1) Millennium (3) Macro-Expert Which of the following refers to th (1) Noteooks (4) Supercomputers Which is not a baisc function of a (1) Accept and process data (4) Store data Which of the following is not a ter (1) Power Point (2) Inbox Peripheral devices such as printer (1) Data (2) Software Which of the following is required (1) Browser (4) Search engine	as	ructions (5) Machine Cycle and most, expense nputers (3) Process data mail? (4) Receiver re considered to b (4) Information IL document?	(5) My-Expert ive computers? (3) Laptops (5) None of these e	
257. 258. 259. 260. 261.	the execution phase is referred to (1) Program Cycle (3) Execution Cycle In Windows ME. What does ME sta (1) Millennium (3) Macro-Expert Which of the following refers to th (1) Noteooks (4) Supercomputers Which is not a baisc function of a (1) Accept and process data (4) Store data Which of the following is not a ter (1) Power Point (2) Inbox Peripheral devices such as printer (1) Data (2) Software Which of the following is required (1) Browser (4) Search engine Which language is directly undersor	as	ructions (5) Machine Cycle t and most, expens nputers (3) Process data mail? (4) Receiver re considered to b (4) Information IL document? e uter without trans	(5) My-Expert ive computers? (3) Laptops (5) None of these e	
257. 258. 259. 260. 261.	the execution phase is referred to (1) Program Cycle (3) Execution Cycle In Windows ME. What does ME sta (1) Millennium (3) Macro-Expert Which of the following refers to th (1) Noteooks (4) Supercomputers Which is not a baisc function of a (1) Accept and process data (4) Store data Which of the following is not a ter (1) Power Point (2) Inbox Peripheral devices such as printer (1) Data (2) Software Which of the following is required (1) Browser (4) Search engine	as	ructions (5) Machine Cycle t and most, expens nputers (3) Process data mail? (4) Receiver re considered to b (4) Information IL document? e uter without trans	(5) My-Expert ive computers? (3) Laptops (5) None of these e	

264.	To insert a page break in WORD document, the following options are used				
	(1) Insert and Copy	(2) Insert and Er	nter		
	(3) Insert and Delete	(4) Insert and Pa	age Layout		
	(5) Insert and Break				
265.	Which of the following identifies a	cell in Excel?			
	(1) Formula (2) Name	(3) Label	(4) Address	(5) None of these	
266.	This is the part of the computer sy	stem that one car	nnot touch.		
	(1) Hardware (2) Printer	(3) Mouse	(4) Scanner	(5) Software	
267.	A computer's ROM is				
	(1) ALU	(2) Computer So	ftware		
	(3) Operating system	(4) Computer Ha	ardware	(5) CPU	
268.	While selecting multiple work shee	ets in Excel, the fol	llowing key must a	also be used when clicking	
	the sheet tab				
	(1) Shift (2) Alt	(3) Ctrl	(4) Insert	(5) Esc	
269.	Which of the following is part of the				
	(1) Monitor (2) CPU	(3) CD-ROM	(4) Floppy Disk	(5) Printer	
270.	Restarting a computer that is alrea	=			
	(1) Lagging off	(2) Cold hooting	(3) Shut down		
	(4) Warm Booting	(5) Shutting off			
271.	A word processor would be used by	est to			
	(1) Paint a picutre	(2) Draw a diagram			
	(3) Type a story	(4) Work out income and expenses			
	(5) None of these				
272.	The file that is linked with an e-mai	l and sent to the re	eceiver of the e-ma	ail is referred to as	
	(1) Annexure (2) Apendage	(3) Add-on	(4) Attachment	(5) Article	
273.	Ais an example of a input de	evice.			
	(1) Printer	(2) Monitor	(3) Scanner		
	(4) Central Processing Unit	(5) None of these	e		
274.	A hard copy of a document is				
	(1) Printed on the printer	(2) Stored on a fl	loppy		
	(3) Stored on a CD	(4) Stored in the	hard disk	(5) Scanned	
275.	The term "host" with respect to the	ne internet, means	S		
	(1) A computer that is a stand alor	ne computer			
	(2) A computer that is connected	_			
	(3) A computer reserved for use b				
	(4) A large collection of computers				
276	The translator program used in as	. ,	is called		
270.	(1) Compiler	(2) Assembler		(3) Interpreter	
	(4) Translator	(5) Operating Sy	estom	(3) interpreter	
277					
4//.	A set of instructions telling the co	_			
250	(1) Mentor (2) Instructor	(3) Compiler	(4) Program	(5) None of these	
4/ð.	Which of the following is not true (1) They are a collection of data so				
	(1) They are a collection of data sa	veu iii a storage n	neuuiii.		
	(2) Every file has a filename.				

	(3) A file extension is established	by the user to ind	_	
250	(4) All files contain data		(5) None of thes	e
2/9.	Which of the following is not an e	_		(F) C
200	(1) Word (2) Printer	(3) Monitor	(4) Mouse	(5) Scanner
280.	Which of the following is a second			(E) D
204	(1) Keyboard (2) Disk	(3) ALU	(4) Mouse	(5) Printer
281.	The result of a formula in a cell is			423
	(1) Label	(2) Value		(3) Range
	(4) Displayed Value	(5) None of thes	se	
282.	Which of the following is not a sto	_		
		(3) DVD	(4) CD	(5) Monitor
283.	Choose the odd one out.			
	(1) Microcomputer	(2) Minicomput	er	
	(3) Supercomputer	(4) Notebook co	mputer	
	(5) Digital computer		4	
284.	The ALU performs oper	ations.		
	(1) Logic	(2) ASCII	(3) Algorithm-b	ased
	(4) Logarithm-based	(5) Final		Y
285.	is the part of the compute	er that does arithn	netical calculation	S.
	(1) OS (2) ALU	(3) CPU	(4) Memory	(5) Printer
286.	In a sequence of events that take p	olace in an instruc	tion cycle, the firs	t cycle is called
	(1) Store cycle	(2) Execute cycle	e (3) Fetch cycle	
	(4) Decode cycle (5) Code cycle			
287.	Peripheral devices such as printer			
	(1) Hardware (2) Software	(3) Data		(5) None of these
288.	Which of the following Excel char			
200	(1) Function (2) Line	(3) Pie	(4) Bar	(5) None of these
289.	To see the document before the process of the proce			
	(1) Insert Table	(2) Paste	(3) Format Pain	ter
200	(4) Cut ALU works on the instructions an	(5) Print Preview	W	
290.	(1) Notebook (2) Registers	(3) Copy Pad	(4) I/O dovices	(5) None of these
291	To move data from one part of the			
271	(1) Cut and Paste(2) Copy and Pa		vener, winer or ene	Tollowing is used.
	(3) Cut and Delete	(4) Copy and Un	ıdo	
	(5) Cut and Insert	(-)		
292.	Which of the following is the anot	her name for a pr	re-programmed fo	ormula in Excel?
	(1) Range (2) Graph	(3) Function	(4) Cell	(5) None of these
293.	To save a document for the first ti	me, optic	on is used.	
	(1) Save as (2) Save first	(3) Save on	(4) Copy	(5) paste
294.	What is a device that can change i	mages into codes	for the computer	?
	(1) Mouse (2) Printer	(3) Joystick	(4) Keyboard	(5) Scanner
295.	Which of the following are the two	o basic types of g	raphics used in W	ord 2000?
	(1) Autoshapes nad Clipart		(2) Header and I	Footer
	(3) Drawing Objects and Pictures	(4) Spelling and	Grammar	
	(5) Word Count			

	The aser can ase comman	ds to search for and correct words	in a document.		
	(1) Print and Print Preview	(2) Header and Footer			
	(3) Find and Replace	(4) Spelling and Grammar			
	(5) Copy and Paste				
297.	What is the advantage of using ba	sic HTML to create a document?			
	(1) HTML is very easy to use.				
	(2) The document can be displayed	ed by all word processors.			
	(3) The document can be displayed	ed by all programs.			
	(4) The document can be displayed	ed by all browsers. (5) None of the	se		
298.	Which of the following functions	is not performed by the CPU?			
	(1) Graphicla display of data	(2) Arithmetic calculations			
	(3) Managing memory	(4) Managing input and output	(5) None of these		
299.	Which of the following is th featur	re that keeps track of the right mar	gin?		
	(1) Find and Replace	(2) Wordwrap (3) Right Justifi	ed		
	(4) Left Justified	(5) Ragged right			
300.	Keyboard shortcuts are used to m	love the			
	(1) I-beam (2) Insertion po	int (3) Scrollbar	1		
	(4) Mouse (5) None of thes				
301.		ser has to select Page Setup option			
	(1) Edit (2) Table	(3) Autocorrect (4) File	(5) Format		
302.	2. What is the package called which helps create, manipulate and analyse data arranged in rows				
	and columns?	(2) W. 1			
	(1) Application package	(2) Word processing package			
	(3) Outlining package	(4) Outline processors			
	(E) Spreadchest nackage	()			
202	(5) Spreadsheet package What does an electronic spreadsh				
303.	What does an electronic spreadsh	eet consists of?	(3) Calls		
303.	What does an electronic spreadshout (1) Rows	eet consists of? (2) Columns	(3) Cells		
	What does an electronic spreadsho (1) Rows (4) All the above (5) None of thes	eet consists of? (2) Columns	(3) Cells		
	What does an electronic spreadsho (1) Rows (4) All the above (5) None of thes ROM is an example of which of the	eet consists of? (2) Columns se e following?	(3) Cells		
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304.	What does an electronic spreadshout (1) Rows (4) All the above (5) None of these ROM is an example of which of the (1) Volatile memory (3) Non-volatile memory	eet consists of? (2) Columns se e following? (2) Cache memory (4) Virtual memory	(5) None of these		
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	(2) Understands machine language	•	nguages.			
	(3) Understands only machine lang	_				
	(4) Understands only high-level land					
044	(5) Understands only assembly language.					
311.	A set of choices on the screen is ca			(0) 4 (1)		
	(1) Menu	(2) Reverse vide	0	(3) Actin plan		
242	(4) Editor	(5) Template				
312.	What is the full form of PROM?					
	(1) Programmable Read only Mem	-				
	(2) Prograssive Read Only Memor	y				
	(3) Periodic Read Only Memory					
	(4) Perfect Read only Memory					
212	(5) Program Read-Only Memory Which of the following will be use	d if the condon of	an a mail wanta t	a hald itlaliaiga ata tha tayt		
313.	Which of the following will be use message?	u ii tiie seiidei oi	an e-man wants to	o boid, itialicise etc the text		
	(1) Reach Signature	(2) Reach Text	(3) Reach Forma	at		
	(4) Plain Format (5) Plain Text	(2) Reach Text	(3) Reach Forms			
314	Which of the following terms is no	at related to Inter	net?			
0111	(1) Link	(2) Function key				
	(4) Search engine	(5) Hyperlink	(b) Blowsel			
315.	What is the full form of LSI?	(b) Hypermin				
0101	(1) Low Scale Internet	(2) Large Scale I	nternet			
	(3) Low Scale Integration	(4) Large Scale is				
	(5) Local Scale Integration	(1) Large beate 1	integration			
316.	To move the text from its original	position to anoth	er position witho	ut deleting it is called		
	(1) Scrolling (2) Searching		(4) Copying	(5) Halting		
317.	Which of the following is an active		(-)8	(*)		
02//	(1) Current Cell (2) Formula	(3) Range	(4) Cell Address	(5) None of these		
318	What is included in an e-mail addre		(1) 301111001100	(a) mone or mose		
0101	(1) Domain name followed by use					
	(2) User's name followed by doma					
	(3) User's name followed by posta					
	(4) User's name followed by street		(5) None of thes	Δ		
210	What is called the secret code which					
317.	(1) Access Code (2) Passport	-	(4) Password			
220		(3) Entry code		(5) Keyword		
320.	Which of the following types of me			(T) Dull Davin		
004	(1) Reverse (2) Template	(3) Scrolled	(4) Rapped	(5) Pull Down		
321.	Which of the following operations			wn sender is received?		
	(1) Open it to know about the sen	der and answer it	•			
	(2) Delete it after opening it.					
	(3) Delete is without opening it					
	(4) Open it and try to find who the	sender is.		(5) None of these		
322.	The other name of a motherboard	is				
	(1) Mouse	(2) Computer Bo	oard			
	(3) System Device	(4) Central Boar	d	(5) System Board		

323.	By which of the	following operation	ons can any part o	of a document be s	seen on the screen?
	(1) Searching	(2) Pasting	(3) Scrolling	(4) Editing	(5) Copying
324.	Whichof the follo	owing characteris	tics is used to cor	npute the results	from Excel data?
	(1) Go to	(2) Table	(3) Chart	(4) Diagram	
	(5) Formula and	Function			
325.	Which type of st	orage is a hard dis	sc?		
	(1) Non-perman	ent	(2) Volatile		(3) Temporary
	(4) Non-volatile		(5) None of thes	e	
326.	Which of the foll	lowing is not a sof	tware?		
	(1) Excel		(2) Printer-Drive	er	
	(3) Operating Sy	rstem	(4) Powerpoint		(5) Mouse
327.	The smallest uni	t of information a	computer can un	derstand and pro	cess is known as a
	(1) digit	(2) byte	(3) megabyte	(4) kilobyte	(5) bit
328 .	Compatibility, w	ith regard to com	puters, refers to		
		doing the right jo			
	. ,	atile enough to ha	•		
		being able to run	-		
		ning with only otl manently availabl	=		
329.		ssure as a user pr	=		S.
0_7.	(1) touchpad	=	(3) graphics tabl		(4) trackpad (5)
	keyboard			4	
330.	The justification	that aligns text o		f a document in W	ord is
	(1) Justify	(2) Bold		(4) Right	(5) Balanced
331.					ng, but no data is called a
222	(1) prototype	(2) template sent any number	(3) model	(4) function	(5) None of these
332.	(1) 2	(2) 255	(3) 256	(4) 1024	(5) 1025
333.		a new computer i		(1) 1021	(0) 1020
	-	rinter to be conne			
	(2) having a mod	dem and / or netw	ork connection to	o communicate w	ith other computers
		he software to the		=	
		mouse a keyboar	d and a printer-a	ll essential hardw	vare pieces for the average
	user (5) software per	manently availabl	e in the computer		
334.			=		tal image that is stored in
	memory.		r		
	(1) printer	(2) laser beam	(3) scanner	(4) touchpad	(5) keyboard
335.	=	Ctrl+F in Word is	s used for		
		ment in full view	(2)	1	
		formula dialog box			
336		ind and replace di	_	(5) None of thes ferred to by its cel	e ll address, which is the
330.	(1) cell's column		er document is re-	terred to by its eer	ir addi ess, willen is the
		label and worksh	neet tab name		
	(3) cell's row lab				
	(4) cell's row an	d column labels		(5) cell's conten	ts

	The most widely used code that re	epresents each cha	aracter as a uniqu	ie 8-bit code is
	(1) ASCII	(2) Unicode	(3) binary numb	pering system
	(4) EBCDIC	(5) ASCII		
338.	Operating systems and utility pro	grams are in a cla	ss of software kno	own as :
	(1) application software	(2) sequential so	oftware	
	(3) software suites	(4) BIOS softwar	·e	
	(5) system software			
339.	OCR stands for			
	(1) Optical Coding Recognizer	•	haracterised Read	der
	(3) Original Code Reader	(4) Original Cha	racter Reader	
	(5) Optical Character Recognition			
340.	The Open, Print and Save buttons	are all located on		
	(1) status bar		(2) formatting to	oolbar
	(3) standard toolbar		(4) title bar	
0.44	(5) status and title bars			
341.	To copy a cell, you would drag th when	e cell border while	e simultaneously	holding down the Ctrl key
	(1) you have one or more cells to	contr	. 1	
	(2) only some of the cells are visib	= -		
	(3) you don't want to refer to absorb			
	(4) the distance between cells is s		both visible in the	window
	(5) None of these	nore and they are	both visible in the	C WIIIGOW
342.	The permanently etched program	n in ROM that aut	omatically begins	executing the computer's
	instructions is the		January Dagana	
	(1) BIOS (2) ROM	(3) CMOS	(4) RAM	(5) None of these
343.	Information stored in RAM is con	sidered volatile, w	hich means it is	
	(4) (1.1			
1	(1) stored there permanently.			
	(1) stored there permanently.(2) not held permanently, only ter	nporarily		
	(2) not held permanently, only ter(3) stored when the electricity is s	shut off		
	(2) not held permanently, only ter(3) stored when the electricity is s(4) stored permanently in the CP	shut off U device	(5) None of thes	re
344.	(2) not held permanently, only ter(3) stored when the electricity is s(4) stored permanently in the CPIThe display size of a monitor is m	shut off U device easured	(5) None of thes	re
344.	(2) not held permanently, only ter(3) stored when the electricity is s(4) stored permanently in the CPIThe display size of a monitor is m(1) zig-zig	shut off U device easured (2) horizontally		
344.	 (2) not held permanently, only ter (3) stored when the electricity is s (4) stored permanently in the CP The display size of a monitor is m (1) zig-zig (3) vertically 	shut off U device easured (2) horizontally	(5) None of thes	
	 (2) not held permanently, only ter (3) stored when the electricity is s (4) stored permanently in the CPI The display size of a monitor is m (1) zig-zig (3) vertically (5) None of these 	shut off U device leasured (2) horizontally (4) from center	to the furthest co	rner
	 (2) not held permanently, only ter (3) stored when the electricity is s (4) stored permanently in the CP The display size of a monitor is m (1) zig-zig (3) vertically (5) None of these The name of a Microsoft office wo 	shut off U device leasured (2) horizontally (4) from center	to the furthest co	rner
	(2) not held permanently, only ter (3) stored when the electricity is s (4) stored permanently in the CPI The display size of a monitor is m (1) zig-zig (3) vertically (5) None of these The name of a Microsoft office wo (1) menu bar	Shut off U device Leasured (2) horizontally (4) from center ord document is different to the content of the con	to the furthest co	rner he and the taskbar.
345.	 (2) not held permanently, only ter (3) stored when the electricity is s (4) stored permanently in the CPI The display size of a monitor is m (1) zig-zig (3) vertically (5) None of these The name of a Microsoft office w (1) menu bar (3) Formatting toolbar 	Shut off U device Leasured (2) horizontally (4) from center ord document is divided to the content of the conte	to the furthest co isplayed in both the	rner he and the taskbar. (5) title bar
345.	 (2) not held permanently, only ter (3) stored when the electricity is s (4) stored permanently in the CPI The display size of a monitor is m (1) zig-zig (3) vertically (5) None of these The name of a Microsoft office w (1) menu bar (3) Formatting toolbar Excel is designed to provide visual 	Shut off U device Leasured (2) horizontally (4) from center ord document is di (2) taskbar (4) Standard too I cues to the relati	to the furthest co isplayed in both the lbar onship between t	rner he and the taskbar. (5) title bar
345.	(2) not held permanently, only ter (3) stored when the electricity is s (4) stored permanently in the CPI The display size of a monitor is m (1) zig-zig (3) vertically (5) None of these The name of a Microsoft office w (1) menu bar (3) Formatting toolbar Excel is designed to provide visual to the formulas or the cells that designed	shut off U device leasured (2) horizontally (4) from center ord document is di (2) taskbar (4) Standard too I cues to the relati	to the furthest conspiction to the furthest constitution to the furthest constitution to the function of the furthest constitution of th	rner he and the taskbar. (5) title bar he cells that provide values
345.	 (2) not held permanently, only ter (3) stored when the electricity is s (4) stored permanently in the CPI The display size of a monitor is m (1) zig-zig (3) vertically (5) None of these The name of a Microsoft office w (1) menu bar (3) Formatting toolbar Excel is designed to provide visual 	shut off U device leasured (2) horizontally (4) from center ord document is di (2) taskbar (4) Standard too I cues to the relati	to the furthest conspiction to the furthest constitution to the furthest constitution to the function of the furthest constitution of th	rner he and the taskbar. (5) title bar he cells that provide values
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345.	(2) not held permanently, only ter (3) stored when the electricity is s (4) stored permanently in the CPI The display size of a monitor is m (1) zig-zig (3) vertically (5) None of these The name of a Microsoft office w (1) menu bar (3) Formatting toolbar Excel is designed to provide visua to the formulas or the cells that de (1) Bolding the cell references to worksheet cells.	Shut off U device Leasured (2) horizontally (4) from center ord document is di (2) taskbar (4) Standard too I cues to the relative pend on the form match the colour of	to the furthest consplayed in both the later on the first between the later of the border of the bor	rner he and the taskbar. (5) title bar he cells that provide values ders around the referenced
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345. 346.	(2) not held permanently, only ter (3) stored when the electricity is s (4) stored permanently in the CPI The display size of a monitor is m (1) zig-zig (3) vertically (5) None of these The name of a Microsoft office w (1) menu bar (3) Formatting toolbar Excel is designed to provide visual to the formulas or the cells that de (1) Bolding the cell references to worksheet cells. (2) highlighting the cell reference (3) colour coding the cell reference worksheet cells. (4) bolding the cell references	shut off U device leasured (2) horizontally (4) from center ord document is di (2) taskbar (4) Standard too I cues to the relati lepend on the form match the colour of th	to the furthest consisplayed in both the liber on ship between the liber coding of the bord to match the bord (5) None of thes	rner he and the taskbar. (5) title bar he cells that provide values ders around the referenced der around the referenced
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345. 346.	(2) not held permanently, only ter (3) stored when the electricity is s (4) stored permanently in the CPI The display size of a monitor is m (1) zig-zig (3) vertically (5) None of these The name of a Microsoft office w (1) menu bar (3) Formatting toolbar Excel is designed to provide visual to the formulas or the cells that de (1) Bolding the cell references to worksheet cells. (2) highlighting the cell reference (3) colour coding the cell reference worksheet cells. (4) bolding the cell references A limitation of software that digit (1) is prohibitively expensive.	shut off U device leasured (2) horizontally (4) from center ord document is di (2) taskbar (4) Standard too I cues to the relative pend on the form match the colour of the colour of the colour of the formula	to the furthest consisplayed in both the liber on ship between the liber coding of the bord to match the bord (5) None of thes	rner he and the taskbar. (5) title bar he cells that provide values ders around the referenced der around the referenced
345. 346.	(2) not held permanently, only ter (3) stored when the electricity is s (4) stored permanently in the CPI The display size of a monitor is m (1) zig-zig (3) vertically (5) None of these The name of a Microsoft office wo (1) menu bar (3) Formatting toolbar Excel is designed to provide visual to the formulas or the cells that de (1) Bolding the cell references to worksheet cells. (2) highlighting the cell reference (3) colour coding the cell reference worksheet cells. (4) bolding the cell references A limitation of software that digit (1) is prohibitively expensive. (2) must be trained to recognize in	shut off U device leasured (2) horizontally (4) from center ord document is di (2) taskbar (4) Standard too I cues to the relati lepend on the form match the colour of e. ce in the formula dizes voice data is to individual voices.	to the furthest consplayed in both the liber on ship between the last by coding of the bord to match the bord (5) None of the shat it	rner he and the taskbar. (5) title bar he cells that provide values ders around the referenced der around the referenced
345. 346.	(2) not held permanently, only ter (3) stored when the electricity is s (4) stored permanently in the CPI The display size of a monitor is m (1) zig-zig (3) vertically (5) None of these The name of a Microsoft office w (1) menu bar (3) Formatting toolbar Excel is designed to provide visual to the formulas or the cells that de (1) Bolding the cell references to worksheet cells. (2) highlighting the cell reference (3) colour coding the cell reference worksheet cells. (4) bolding the cell references A limitation of software that digit (1) is prohibitively expensive.	shut off U device leasured (2) horizontally (4) from center ord document is di (2) taskbar (4) Standard too I cues to the relative pend on the form match the colour of th	to the furthest consplayed in both the liber on ship between the last by coding of the bord to match the bord (5) None of the shat it	rner he and the taskbar. (5) title bar he cells that provide values ders around the referenced der around the referenced

348.	48. External devices such as printers, keyboards and modems are known as				
	(1) add-on devices		(2) peripherals		
	(3) extra hardware	devices	(4) PC expansion	n slot add-ons	(5) special-buys
349.	The higher the rese	olution of a moi	nitor, the		
	(1) larger the pixel	S	(2) less clear the	screen is	
	(3) further apart th	ne pixels	(4) closer togeth	er the pixels	(5) None of these
350.	To select a Word, ye	ou click it			
	(1) once (2	2) twice	(3) three times	(4) four times	(5) None of these
351.	This Excel feature	includes functio	ns to calculate an	Average, Minimu	m, Maximum and Count
	(1) Format (2	2) Number	(3) AutoSum	(4) Calculate	(5) MIN
352.	For a computer to	recognizes and	understand analo	g data it must firs	t be
	(1) sent to a mainf	rame for interp	retation		
	(2) analyzed by the	e ALU of the CPI	U		
	(3) decoded		(4) analyzed for	viruses	(5) digitized
353.	Expansion cards an	re inserted into			
	(1) slots		(2) peripheral de	evices	(3) the CPU
	(4) the back of the	computer	(5) pegs		
354.		vare is distribut	ed free but requir	es the users to pa	y some amount for further
	use?			*	
		2) shareware	(3) rentalware	(4) public-doma	in software
	(5) abandonware				
355.	Using Print Preview				/
	(1) Colour the docu		(2) Save the docu		
	(3) Delete the docu		(4) Copy the doc		
0 = 4	(5) View how the o			ted	
356.	What does a Web s		quely specify ?	(0) DD 4	
	(1) Web browser (2	2) Web site	(E) II 1 1 1 1	(3) PDA	
255	(4) Storage		(5) Hard-disk		
35/.	A pixel is a				
	(1) picture element				
	(2) point of ink on	=			
	(3) point of ink on(4) light beam use	, ,		(E) None of these	10
250	The most common			(5) None of thes	e e
330.			(3) touchscreen	(A) mouse	(5) scanner
350	The file that is crea				(3) scanner
337.	(1) database file	iteu tilibugii we	(2) storage file	a	
	(3) worksheet file		. , .	e (5) graphical file	1
360	Web pages are save	ed in form		c (3) grapinear nic	,
500.		2) HTML	(3) DOC	(4) URL	(5) None of these
361	What are the two p	,		(1) OKL	(5) None of these
501.	(1) User name and		in addi ess .		
	(2) Legal name and		r		
	(3) User name and	=	1		
	(4) Initials and pas				
	(5) login name and				
362		=	rts of the country	and need to meet	monthly, useful computer
·	technology would b				, , , , , , , , , , , , , , , , , , ,
	(1) video-display so		(2) video digitizi	ing	
			_		

(3) video conferencing (4) video scanning (5) None of these
363. The wheel located between the two standard buttons on a mouse is used to
(1) click in Web pages (2) shut down
(3) click and select items (4) jump to different Web pages
(5) scroll
364. Which type of software is used in the design of products, structures, civil engineering, drawings
and maps?
(1) CAD programs (2) desktop programs
(3) drawing programs (4) painting programs
(5) video/audio programs
365. Advanced word processing features include all except creation of
(1) alternate headers and footers (2) columns
(3) detailed architectural drawings (4) stylesheets
(5) None of these
366. The computer that hosts your e-mail account is known as a(n)
(1) Host (2) E-mail client (3) E-mail server
(4) Listserv (5) None of these
367. can interpret voice data into words that can be understood by the computer
(1) Speech input hardware (2) Talking software
(3) Word recognition software (4) Speech recognition software
(5) Adobe reader
368. A touchpad responds to
(1) light (2) pressure (3) clicking
(4) the sense of heat from fingertips (5) None of these
369. What is the term for calculations used within spreadsheets?
(1) analyses (2) ranges (3) formulas (4) recalculations(5) values
370. This is a set of values that you want to chart in Excel.
(1) Object (2) Numbers (3) Data Mart (4) Formulas (5) Data series
371. Before you can begin using e-mail, you must have a(n)
(1) Browser (2) Modem (3) Server (4) Scanner (5) Account
372. Until a computer can recognize handwriting, an input device must
(1) store the information in secondary storage
(2) optimize the information
(3) digitize the information
(4) show the information on a screen (5) become an output device also
373. The pointing device that comes built into a laptop computer can be any except a
(1) mouse (2) trackball (3) touchpad
(4) pointing stick (5) None of these
374. The button that displays the window over the entire screen is
(1) scroll box (2) Downsize (3) Restore Down
(4) Minimize (5) Maximize
375. The .xls extension is used for files.
(1) Windows (2) Access (3) PowerPoint (4) Word (5) Excel
376. Which of the following are tasks that may be completed when configuring your e-mail client?
(1) Provide the IP address of your ISP's mail server.
(2) Provide the name of your e-mail account.
(3) Specify that mail is to be deleted from the host computer after it is downloaded to your
computer.
(4) All of these (5) None of these

377.	Assembly language is				
	(1) Machine Languag	e			
	(2) High-level program	mming langua	age		
	(3) A low-level progra	ımming langu	ıage		
	(4) Language for asse	embling comp	outers	(5) None of thes	e
378.	Which of the followin	g is not one o	of the syntax rules	s ?	
	(1) The order in which	h you list the	function's argun	nents	
	(2) The precedence of	f the argume	nts		
	(3) Whether or not th	ne function ha	as arguments		
	(4) Properly spelling	the function's	s name	(5) None of thes	e
379.	The binary system is	a number sys	stem to the base		
	(1) 2	4	(3) 8	(4) 10	(5) 16
380.	Which of the followin	g is not an ex	ample of hardwa	re?	
	(1) Scanner (2) 1	Printer	(3) Monitor	(4) Mouse	(5) Interpreter
381.	Which of the followin	g is hardwar	e and not softwar	e?	
	(1) Excel		(2) Printer drive		
	(3) Operating System		(4) Power Point		(5) CPU
382.	On a CD-RW you can				1
	(1) read and write in	formation	(2) only read inf	ormation	
	(3) only write inform	ation	(4) read, write a	nd rewrite inform	nation
	(5) None of these				
383.	This is not a function	category in E	Excel		
	(1) Logical (2) 1	Data Series	(3) Financial	(4) Text	(5) None of these
384.	In Excel, this is a prer	ecorded form	ula that provides	a shortcut for co	mplex calculations
	(1) Value (2) 1	Data Series	(3) Function	(4) Field	(5) None of these
385.	The following comput	ter's memory	is characterized	by low cost per b	it stored
	(1) Primary (2)	Secondary	(3) Hard Disk	(4) All of these	(5) None of these
386.	What happens when	we try to dele	te the files on the	floppy?	
	(1) The files get move	ed to the Recy	rcle Bin		
	(2) Files on a floppy c	annot be dele	ted		
	(3) The files get delete	ed and can be	restored again fi	rom Recycle Bin	
	(4) The files get delete	ed and canno	t be restored agai	in	
	(5) The file gets copie	d on the Hard	d disk		
387.	In Word, replace option	on is available	on		
	(1) File Menu		(2) View Menu		(3) Edit Menu
	(4) Format Menu(5)	None of these	2		
388.	In Word, you can char	nge Page Mar	gins by		
	(1) Dragging the scro	ll box on the	scroll bars		
	(2) Deleting the marg	in boundarie	s on the Ruler		
	(3) Dragging the mar	gin boundari	es on the Ruler		
	(4) Clicking the right	mouse butto	n on the Ruler		(5) None of these
389.	What type of keys are	c'ctrl' and 'sh	ift' ?		
	(1) adjustment		(2) function		(3) modifier
	(4) alphanumeric		(5) None of thes	e	
390.	A word gets selected l	by clicking it	to select a word, i	n Word	
	(1) once (2)	twice	(3) three times	(4) four times	(5) None of these
391.	To reverse the effect of	=	ction in word		
	(1) Use the cut comm		(2) Use the Undo		
	(3) Press the delete ke	ey	(4) Use the Redo	command	(5) None of these

392.	Your position in the	text is shown	by a		
	(1) Blinker (2) Cursor	(3) Causer	(4) Pointer	(5) None of these
393.	The time for the act is referred to as the		er after receiving	the request for da	ata from secondary storage
	(1) transfer time		(2) movement t	ime	
	(3) access time		(4) data input ti	me	(5) None of these
394.	Which of the follow	ing categories	would include a k	eyboard?	
	(1) Printing Device		(2) Output Devi	ce	
	(3) Pointing Device		(4) Storage Devi	ice	(5) Input Device
395.	Using output device				
	(1) input data (2) store data	(3) scan data	(4) view or prin	it data
	(5) None of these				
396.	Why is the Caps Loc	=			
	(1) Because its fund	_	•	-	
	(2) Because it cannot		=	S	
	(3) Because it cannot			(T)	
20=	(4) Because it cannot			(5) None of the	se
397.	Using Print Preview		•		
	(1) Colour the docu		(2) Save the doc		
	(3) Delete the docur		(4) Copy the doc		
200	(5) View how trip d		= = =		computer ?
390.	Which of the follow (1) Plotter (2)	ilig call lilput §) Scanner			(5) Keyboard
300	When a chart is place				` ' '
377.	(1) Chart sheet	ccu on tins, it is	(2) Exclusive sh		i data on it
	(3) Primary sheet		(4) Reference sh		(5) None of these
400	•	mes from an e	,		iter software is called
1001			(3) Throughput	=	(5) None of these
401.	The main system be			(1) Reports	(b) None of these
	(1) integrated circu		(2) motherboar	d(3) processor	
	(4) microchip		(5) None of thes		
402.	This dialog box spe	cifies or modif			ining data to be charted
	(1) Chart Location		(2) Chart Style		
	(3) Chart Options		(4) Chart Source	e Data	(5) None of these
403.	If you change Windo	ows 98 to Wind	dows XP, you are	actually performi	ng
	(1) upstart (2) upgrade	(3) update	(4) patch	(5) None of these
404.	The operating syste		contained in a de	vice and resident	in the ROM is
	(1) Batch Operating	, ,			
	(2) Real-time Opera				
	(3) Embedded Oper			(-	
40=	(4) Multi-Processor			(5) None of the	se
405.	To make a copy of t		ument to disk	(O) ml :	1 1
	(1) Use the "save" c		(4) ((2) This cannot	be done
	(3) Use the "duplica"		(4) Copy the doc	cument	
406	(5) Use the "save as		-l6+l 6-ll	-:	
406.	In the formula, = B1	-		g is the correct p	recedence?
	(1) Addition higher	=		agood right to left	
	(2) Equal precedence (3) Equal precedence	_	= =	-	
	(4) Division higher	_	= =	receu ien to nigill	(5) None of these
	ושוושווטוניוים לי	procedence the	an addition		(a) mone or mese

407.	POST stands for				
	(1) Power On Se	lf Test	(2) Program On	Self Test	
	(3) Power On Sys	stem Test	(4) Program On	System Test	
	(5) Power Off Sy	stem Test			
408.	In Word, you can	use Styles to			
	(1) Make copies	of documents	(2) Save change	s to documents	
	(3) Delete text in	documents	(4) Format your	documents	(5) None of these
409.		ibytes make a giga	abyte?		
	(1) 1024	(2) 128	(3) 256	(4) 512	(5) 64
410.		owing is not a ter	_		
	(1) Keyboard	(2) Link			ne (5) Hyperlink
411.		owing is used by th	he browser to con	mect to the location	on of the Internet resources
	?	(2) Ducks and	(2) Cabla	(4) IIDI	(C) Name of the con-
412	(1) Linkers		(3) Cable	(4) URL	(5) None of these
412.		uate the formula,	•		
412	(1) 400	(2) 40 owing is the faste	(3) 6.25	(4) 232	(5) 600
413.	(1) Laptop	(2) Notebook	(3) Personal con		(4) Workstation
	(5) Supercompu		(3) Fersonal cor	iiputei	(4) Workstation
414	Linux is a type of				
717.	(1) Shareware		(3) Proprietary	(4) Open Source	(5) Hidden tyne
415					sition of the cursor?
110.	vinen neg 15 ase.		aracter to the left	or the carrent po	ordin or the earson i
	(1) Backspace	(2) Delete	(3) Insert	(4) Esc	(5) Ctrl
416.		e computer helps	to store informat	ion?	
	(1) Monitor		(3) Disk drive		(5) Plotter
417.	To restart the co	mputer the follow	ing combination	of keys is used	
	(1) Del + Ctrl		(2) Backspace +	Ctrl	(3) Esc + Ctrl
	(4) Insert + Esc		(5) Ctrl + Alt + D	el	
418.	ASCII stands for		()		
	(1) American Sp	ecial Computer fo	or Information In	tegration	
	(2) American Sta	ındard Computer	for Information I	nterchange	
		ecial Code for Info		_	
	• •	ecial Computer fo		•	
	` '	ındard Code for In		hange	
419.	- ·	ou indent a paragi	= =		
		in with respect to	_		
	. ,	nargins on the pag	ge		
	(3) move the tex	= -	o(E) None of the	10	
420		t down by one ling ble the input of nu		se	
420.	(1) ctrl, shift and	=	(2) function key	r c	
	(3) the numeric		(4) arrow keys	3	(5) None of these
421		text in a cell in Ex	•	rs in which of the	• •
. 1.	(1) Status bar	tone in a cent in LA	(2) Formula bar		(3) Row heading
	(4) Name box		(5) None of thes		(o) now neading
422	. ,	of a Word docume			
	(1) Only graphic		one can be ansplay	ca iii coloui .	
		word of each line	e		
		but only if you ha		er	(5) All elements
	()()				()

423.	A workbook is a	collection of			
	(1) Page Setup		(3) Diagrams	(4) Charts	(5) Worksheets
424.	appear at t				
			(3) Formula bar	(4) Title bar	(5) None of these
425.	EPROM stands for				
		grammable Read-(
		ogrammable Read			
		rogrammable Rea	-		
	. ,	grammable Read			
40.6		grammable Read-	-		1.1
426.		_		uctions on a mici	roprocessor chip and thus
	(1) CISC	ed is referred to a (2) RISC	(3) CD-ROM	(4) Wi-Fi	(5) MISC
1.27	Which is not a ba	. ,		(4) WI-II	(3) MISC
447.		(2) Accept input	•		
		(5) Accept input	. ,		
428	ASCII is a coding			1	
1201	_		(2) 512 different	t characters	
	. ,		(4) 128 different		
	(5) 1000 differen		(1) == 0		
429.			rectly invoked in	executing the ins	tructions of the computer
	program ?	1			1
	(1) The scanner		(2) The main sto	orage	
	(3) The secondar	ry storage	(4) The printer		(5) The processor
430.	In order to create	e column data in V	Vord, you need to		
			irsor reaches the	desired place	
	(2) set tabs or us	e the Table menu			
	(3) use Excel				
			cursor reaches th	ne desired place	
	(5) None of these				
431.	File are organize			(4)	
400	(1) tables		(3) folders	(4) graphs	(5) diagrams
432.	•		the booting proce	ess performs	
	(3) Correct Func	(2) Power-On Se	ii-rest (4) Reliability Te	act	(5) Shut-down
433	• •	, 0	ically detects com		
100.	(1) Autocorrect	are that automati		(3) Spelling and	
	(4) Go to		(5) Thesaurus	(b) opening and	diaminai
434.	. ,	em that is old and	perhaps not satis	sfactory is referre	ed to as a(n)
	(1) Ancient syste		(2) Historical sys	-	, , , , , , , , , , , , , , , , , , , ,
	(3) Age old syste		(4) Legacy system		(5) Legal system
435.	Which of the foll				
	(1) 001	(2) 101	(3) 202	(4) 110	(5) 011
436.	Which of the foll	owing does not st	ore data permane	ently?	
	(1) ROM	(2) RAM	(3) Floppy Disk	(4) Hard Disk	(5) None of these
437.	Which of the foll	owing is the smal	lest storage ?		
	(1) Megabyte	(2) Gigabyte	(3) Kilobyte	(4) Terabyte	(5) Nanobyte
			•	•	
438.	Which menu ena	bles the user to c	hoose toolbars ?		
438.			•	(4) Edit	(5) Help

439.	. By viewing the properties of the local hard disk of a computer, the user can find out					
	(1) the amount of space that has been used up and the remaining free space on the disk					
	(2) the name of the user viewing t	the properties of	the disk			
	(3) nothing useful to user					
	(4) the number of programs available	-		(5) None of these		
440.	Pre-defined and built-in formulas i					
		(3) Charts	(4) Tables	(5) Functions		
441.	Which of the following contains	permanent data	and gets updated	during the processing of		
	transactions?	(O) III	Tul.	(0) (1 (1)		
	(1) Operating System File	(2) Transaction	File	(3) Software File (4)		
442	Master File The leave and abortant to control in	(5) Any File	ert in Word is			
442.	The keyboard shortcut to centralize (1) Ctrl + Shift + C	ze the selected tex (2) Ctrl + C	xt III vvoi u is	(3) Alt + C		
	(1) Ctrl + Shift + C (4) There is no keyboard shortcut		n (E) Ctrl + E	(3) AIL + C		
442	(4) There is no keyboard shortcut			r agaidentally around 2		
443.	Which of the following helps to pr (1) Access notch (2) Write-protect		s iroin data gettiii	g accidentally erased :		
				(E) None of those		
111	(3) Entry notch A modem is connected to	(4) Input notch		(5) None of these		
444.	(1) a telephone line	(2) a keyboard	(2) a printer	(4) a monitor		
	(5) a scanner	(2) a Reyboard	(3) a printer	(4) a monitor		
445	Large transaction processing syste	ams in automate	d organizations us			
773.	(1) Online processing	(2) Batch proces	_			
	(3) Once-a-day processing	(4) End-of-day p				
	(5) Once-a-week processing	(+) Liiu-oi-uay p	or occasing			
446	Which of the following is done to f	orce a nage hreal	k in Word ?			
110.	(1) Position the cursor at the appr					
	(2) Use the Insert/Section Break.	opriace pace and	a press 1 1.			
	(3) Position the cursor at the appr	ropriate place and	d press Ctrl + Ente	er.		
	(4) Change the font size and colou		= 7			
447.	Where is the disk placed in a comp					
	(1) In the modem	(2) In the hard of	drive			
	(3) Into the CPU (4) In the disk di	` '				
	(5) In the scanner					
448.	The name that the user gives to a	document is refe	rred to as			
	(1) document name	(2) filename				
	(3) name given	(4) document id	entity	(5) file ID		
449.	Which Excel feature enables pre-d		-	the worksheet?		
	(1) Autoformat	(2) Header and				
	(3) Undo and Redo	(4) Spelling and	Grammar			
	(5) Autograph					
450 .	Which of the following is a hardwa	are and not a soft	ware?			
	(1) PowerPoint	(2) Printer drive	er			
	(3) Operating System	(4) ALU	(5) Excel			
451.	What is the default file extension for	or all Word docur	nents?			
	(1) TXT (2) WRD	(3) FIL	(4) DOC	(5) None of these		
452.	Which of the following is true for t	the octal system ?	•			
	(1) It needs less digits to represen	t a number than i	in the binary syste	em.		
	(2) It needs more digits to represe	ent a number thai	n in the binary sys	stem.		
	(3) It needs to same number of dig	gits to represent	a number as in the	e binary system.		
	(4) It needs the same number of d	ligits to represent	t a number as in t	he decimal system.		

	(5) None of these			
453.	When you scroll through a docum			
		(3) page	(4) insertion po	int
	(5) None of these			
454.	Which of the following is not a ter	= =		
		(3) Browser		
455.	A set of formats that has a name a			
4=6	(1) font (2) style		(4) finish	
456.	You can show an entire page or m			_
455	(1) Word (2) Draft		(4) Show/Hide	(5) Hide page
457.	The basic goal of a computer proc			(F) dia
450			(4) information	(5) diagrams
430.	When browsing the World Wide V (1) feeder (2) server progr	am		arogram
		(5) client progra	() 11	program
450	Where is the newly received emai		1111	
137.	(1) In your website	(2) In Address-b	ov	
	(3) In Inbox	(4) In your person	Y I	
	(5) None of these	(1) III your perso	onar aptop	
460.	implies a combination of au	idio video text ar	nimation and gran	phics.
100.	(1) Special media	(2) Multiplexer	mation and grap	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	(3) Multiplier	(4) Message-me	dia	(5) Multimedia
461.	CD stands for	()		
		(2) Contact Disk		
	(3) Circular Disk (4) Cold Disk			
462.	In Excel, a is identified by the			the cell in the lower-right
	corner, separated by a colon.			
	(1) worksheet (2) value	(3) cell referenc	e(4) range	(5) None of these
463.	Which of the following is a second			
		(3) ALU	(4) Mouse	(5) Printer
464.	A document in portrait prints			
	(1) the same characters per line v			oe.
	(2) more characters per line than		-	
	(3) less characters per line than the		=	
	(4) smaller fonts in order to fit the	e same amount of	characters per lir	ie with landscape.
465	(5) None of these			lated to the form the section
465.	When the mouse is moved, it caus	-		
166	(1) menu (2) icon	(3) pointer	(4) tab	(5) None of these
400.	Press the key to move the in (1) Page up (2) Page down	(3) Home	(4) Tab	(5) None of these
167	Small programs that act on data re	. ,		• •
407.	(1) search engines	(2) servelets	(3) browsers	(4) applets
	(5) feedback	(2) serveieus	(3) blowsels	(4) appless
468	How many margins are there on a	nage ?		
1001	(1) Two (header and footer)	page .	(2) Four (top. bo	ottom, right, left)
	(3) Two (landscape and portrait)	(4) Two (top and		
	(5) None of these	(1) 1 11 (00)		
469.	CD and DVD drives are the examp	les of		
	(1) coding media(2) solid stage st			
	(3) Zip drives	(4) printers	(5) storage devi	ces
			-	

470.	The language used in a computer	er that is similar	to the language	of humans and is easy to
	understand is referred to as	(2) Maalaina Lan		
	(1) Source Code	(2) Machine Lan	iguage	
	(3) High Level Language	(4) Object Code		
454	(5) Assembly Language		1.1. (1	
4/1.	In Excel, the contents of the active			(C) formula la ou
450	(1) footer bar (2) tool bar	(3) task bar	(4) menu bar	(5) formula bar
472.	A CD-ROM disk			
	(1) cannot be erased and rewritte			
	(2) has more storage capacity that			
	(3) holds less data than a floppy di	SK	(E) None of the	10
472	(4) can be written to only once What is the main folder on a stora	go dovice called 2	(5) None of thes	se
4/3.	(1) Platform	(2) Interface	(3) Root Directo	NYT I
	(4) Home Page	(5) None of thes	. ,	пу
4.74.	Storage device found inside the co		C	
4/4.	0	•	(4) Hard Disk	(5) None of these
475	Which of these keys is not on the		. ,	(5) None of these
175.	(1) Ctrl (2) Del	(3) Enter	(4) Num Lock	(5) None of these
476	If you are going to the site you use			
1701	should	orteri, moteur or	naving to type in	the dadices every time, you
	(1) save it as a file	(2) make a copy	of it	
	(3) bookmark it	(4) delete it	(5) None of thes	se
477.	The computer monitor is which ty	. ,		
	_	(3) Processing	(4) Software	(5) None of these
478.	How many options does a binary of	choice offer?		
	(1) One	(2) Two		(3) Three
	(4) It depends on the amount of m	nemory in the con	nputer	(5) None of these
479.	The smallest unit of information a	computer can ur	derstand and pro	cess is known as a
	(1) digit (2) kilobyte	(3) bit	(4) byte	(5) None of these
480.	RAM is and			
	(1) volatile, temporary		(2) nonvolatile,	permanent
	(3) nonvolatile, temporary		(4) volatile, perr	nanent
	(5) None of these			
481.	Which is not an item of hardware			
	(1) An MP3 file (2) A keyboard		(4) A mouse	(5) None of these
482.	The box that contains the central of	=	ents of the comp	uter is the
	(1) mother board	(2) system unit		(F) N (.1
400	(3) peripheral	(4) input device		(5) None of these
483.	What menu is selected to cut, copy	=	(4) m 11	(F) N (.1
404	(1) File (2) Edit	(3) Tools	(4) Table	(5) None of these
484.	A program that converts a high-lev			
405	(1) translator (2) assembler	(3) compiler	(4) linker	(5) None of these
485.	The indicates how much date (1) access (2) care site.	=	_	
106		(3) memory	(4) storage	(5) None of these
400.	A (n) is created by an applic (1) executable file(2) software pro			
	(3) document	gram (4) operating sy	stom	
	(5) None of these	(T) operating sy	312111	
	(b) None of these			

487.	The key and the key can be used in combination with other keys of perform short-
	cuts and special tasks.
	(1) Control, Alt (2) Function, toggle
	3) Delete, Insert (4) Caps Lock, Num Lock
400	(5) None of the above What is a file ?
400.	(1) A file is a section of main storage used to store data.
	2) A file is a section of information that has been given a name and is stored in secondary
	nemory. (3) A file is the part of a program that is used to describe what the program
	should do.
	(4) A file is another name for floppy disk.
	(5) None of the above.
489.	For creating a document, you use command at file menu.
	(1) Open (2) Close (3) New (4) Save (5) None of these
490.	Applications are often referred to as
	(1) data file (2) executable files
	(3) system software (4) the operating system (5) None of these
491.	The primary output device for computers is a
	(1) video monitor (2) printer (3) keyboard (4) mouse
402	5) None of these
492.	Compatibility in regard to computers refers to 1) the software doing the right job for the user.
	2) it being versatile enough to handle the job
	3) the software being able to run on the computer
	4) Software running with other previously installed software
	5) None of the above
493.	How is it possible that both programs and data can be stored on the same floppy disk?
	1) A floppy disk has two sides, one for data and one for programs.
	2) Programs and data are both software, and both can be stored on any memory device.
	(3) A floppy disk has to be formatted for one or for the other.
_	4) Floppu disk can only store data, not programs. (5) None of these
494.	The output which is made up of pictures, sounds and video is called.
405	(1) COM (2) hard copy (3) graphics (4) multimedia (5) None of these
495.	A device that provides emergency power to your computer, conditions the voltage and protects against power surges is called a
	1) PSU = Power Supply Unit
	2) USP = Universal Surge Protecter
	3) UPPS = Universal Power Protection and Supply
	(5) None of these
496.	Documentation of computer programs is important so that.
	1) users can learn how to use the program
	2) other programmers can know how to maintain the program
	(3) the programmer can see why the code is written that way while hunting for sources of error.
	(4) All of the above (5) None of the above
497	Two different files can have the same name if.
£ / / .	(1) they are in different folders (2) they are on different drives
	3) Never (4) the names are capitalised differently
	5) None of the above

498.	Secondary storage			
	(1) does not require constant pow	ver er		
	(2) does not use magnetic media			
	(3) consists of four main types of	devices		
	(4) does not store information for	later retrieval	(5) None of the	above
499.	The first computers were program	nmed using		
	(1) assembly language	(2) machine lan	guage	
	(3) spaghetti code	(4) source code		(5) None of these
500.	Deleted data remains on a disk un	till		
	(1) the data is overwritten		(2) the recycle l	<u>-</u>
	(3) a file compression utility is us	ed	(4) the disk is s	canned
= 0.4	(5) None of the above		,	
501.	When you cut or copy informatio		he	(0) I
	(1) Clipart	(2) Clipboard		(3) Internet
E02	(4) Motherboard (5) None of thes		ha aanaan and a	ero information to the com
502.	provides the means to mov puter by clicking its buttons.	e the pointer on t	the screen and gr	ve information to the com-
	(1) Scanner (2) Mouse	(3) Keyboard	(4) Program	(5) None of these
503.	The name of the location of a part			(b) Notice of these
	(1) address	(2) memory nar		
	(3) storage site		(5) None of the	se
504.	A device that is connected to the i			
	(1) called an external device	(2) called an adj	unct device	
	(3) called a peripheral device	(4) must connec	ct using ribbon ca	able
	(5) None of the above			
505.	The physical components of a cor	nputer system.		
	(1) Software (2) Hardware	(3) ALU	(4) Control Unit	t
	(5) None of the above		Y .	
506.	Which is a graphical representation			(0) 1
	(1) Windows 95	(2) Windows Ex	•	(3) Icon
F07		(5) None of the	above	
307.	A field is a related group of (1) Records (2) Files	(3) Characters	(4) Cables	(5) None of these
508	To restart the computer key		(4) Cables	(3) Notice of these
500.	(1) Del + Ctrl (2) Backspace +		(3) Ctrl + Alt + I)el
	(4) Reset (5) None of the		(5) 541 * 1110 * 1	
509.	The process of preparing a floppy		is called.	
	(1) assembling (2) translating			(5) None of these
510 .	A presribed set of well-defined in			
	(1) a compiler	(2) a code	(3) a descriptio	n
	(4) an algorithm (5) None of thes	se		
511.	A program that enables you to pe	erform calculation	s involving rows	and columns of number is
	called a			
		(2) word proces	ssor	
	(3) graphics package	(4) window		(5) None of these
512.	A record is related to a file as a sta			CENT COL
F40	(1) procedure (2) file	(3) program		(5) None of these
513.	Housing all hardware, software, s			e location is called
	(1) time-sharing(3) centralized processing	(2) a distributed(4) a host comp	=	(5) None of these
	(5) centralized processing	(T) a most comp	utti	(3) None of these

514.	Several computers linked to a serv	ver to share programs	s and storage space.	
	(1) network (2) grouping	(3) library (4)	integrated system	
	(5) None of these			
515.	Soft copy refers to			
	(1) printed output	(2) music sounds		
	(3) screen output	(4) digitizing	(5) None of these	
516.	Meaningful filename helps in easy	file		
	(1) Storing	(2) Accessing	(3) Identification	
	(4) Printing	(5) None of these		
517.	LAN stands for			
	(1) Local Access Network	(2) Local Area Netwo	ork	
	(3) Logical Access Network	(4) Logical Area Netw	work	
	(5) None of these			
518.	Special effect used to introduce sli	-	are called	
	(1) Effects (2) Custom anim			
	(3) Transition (4) Animation	• • • • • • • • • • • • • • • • • • • •	Preset animation	
519.	Computers send and receive data			
			Demodulated (5) All of these	
520.	Most World Wide Web pages conta			
			IRC (5) FTP	
521.	are graphical objects used to	-		
=00			Application (5) Icons	
522.	Which of the following operating s	-		
	(1) Unix	(2) Linux (3)	Windows 2000	
= 00	(4) Mac	(5) Windows	1.1 1 1	
523.	-		on and the close buttons appear on	
E24	(1) The title bar (2) Menu bar		Ruler bar (5) Toolbar	
324.	Which is the slowest internet coni			
	(1) Digital Subscriber Line(3) Cable modem (4) Leased Line			
525	Every component of your comput			
323.	(1) software or CPU/RAM	er is either		
	(2) hardware or software			
	(3) application software or system	ı software		
	(4) input devices or output devices			
526.		• •	ntered into the system is an example	of
0_0.			socion into the system is an enample	0.
	(1) error correction	(2) backup and recov	very	
	(3) data preparation	(4) data validation	(5) None of these	
527.	A compiler translates higher-level	programs into a mac	hine language program, which is calk	ed
	·			
	(1) source code	(2) object code (3)	compiled code	
	(4) beta code	(5) None of these		
528.		ch person, thing, or ev	vent the record describes is a	
	(1) file (2) data		key (6) None of these	
529.	The ability to find an individual ite			
	(1) sequential access	(2) file allocation tabl		
	(3) direct access	(4) directory	(5) None of these	

530.	=	ected to a LAN (L		k) can	
	(1) run faster		(2) go on line		
	(3) share inform	nation and/or sha	re peripheral equ	ipment	
	(4) E-mail		(5) None of thes	e	
531.	The two major c	ategories of softw	are include	•	
		stem and utility		= = =	em
	(3) system and a	application	(4) system and u	ıtility	(5) None of these
532.	Windows 95, Wi	ndows 98. and Wi	ndows NT are kno	own as	
	(1) processors		(2) domain name	es	
	(3) modems		(4) operating sys	stems	(5) None of these
533.	An educational i	nstitution would g	enerally have the	following in its d	omain name
	(1) .org	(2) .edu	(3) .inst	(4) .com	(5) .sch
534.		a computer is stor			
					(5) None of these
535.				-	d making budgets
	(1) calculator	= =			(5) None of these
536.	To take informat				s referred to as
	(1) upload	. ,	. ,	(4) de-link	(5) None of these
537.	Each box in a sp	readsheet is called			
	(1) cell			(4) field	• •
538.	To indent the first	st paragraph of yo	= =		
	(1) spacebar	(2) return key			(5) None of these
539.	are distinc	t items that don't			
	(1) Fields	(2) Data			(5) None of these
540 .	A Website addre	ss is a unique nan	ne that identifies a	a specific—on the	web.
	(1) Web browse	r(2) PDA			
	(3) Website		(4) link	(5) None of thes	e
541.	=	telecommunicatio		-	
	(1) keyboard	(2) mouse	(3) printer	(4) modem	(5) None of these
542.		st definition of a so			
		r your computer s		=	
		puter programs us		unction such, as v	vord processing
		you can buy for a			
		nual and license a	greement that ac	company comme	cial software
	(5) None of thes				
543.		Excel worksheet d	lata to a Word doc		
	(1) with the righ			(2) with the hyp	erlink
	(3) with the cop	y and paste specia	al commands		
	(4) with the cop	y and paste buttoi	ns on the standard	d commands	(5) All of these
544.	You can start Mi	crosoft Word by u	_		
	(1) New		(2) Start	(3) Program	
	(4) Control Pane	el (5) None of these	e		
545.	A blinking symb	ol on the screen th	nat shows where t	the next character	will appear is a/an
	(1) delete key	(2) arrow key	(3) cursor	(4) return key	(5) None of these
546.	Which of the foll	lowing could you d	lo to remove a pai	ragraph from a re	port you had written?
	(1) Delete and ed		(2) Highlight and	d delete	
	(3) Cut and past	e(4) Undo typing		(5) None of thes	e
547.	Date and Time a	re available on the	desktop at		
	(1) Taskbar		(2) My Compute	r(3) Recycle Bin	

	(4) Only (2) & (3)	(5) None of these		
548.	You click at B to make the text			
	(1) Italics	(2) Underlined		
	(3) Italics and Underlined	(4) Bold		(5) None of these
	is the process of finding error			
	(1) Debugging (2) Compiling	(3) Interpreting (4)	Testing	(5) None of these
550 .	In Excel, Charts are created using	which option?		
	(1) Chart Wizard (2) Pivot Table			
	(3) Pie Chart	(4) Bar Chart		(5) None of these
551.	Microcomputer hardware consists	of three basic categor	ries of physic	al equipment
	(1) keyboard, monitor, hard drive			
	(2) system unit, input/output, me	=		
	(3) system unit, input/output, sec			
	(4) system unit, primary storage,			
552.	Which of the following is not a cor			
	(1) Menus (2) Windows			(5) None of these
	A contains buttons and men	= =		<u> </u>
	(1) tool bar (2) menu bar			(5) None of these
554.	For creating a document, you use			(F) N. C.I
		(3) New (4)		(5) None of these
	What is equipment used to captur	e information and con	mmanas ?	
	(1) Output device (2) Input device	(1) Tologommunication	an daviga	(E) None of these
	(3) Storage device A contains specific rules and	(4) Telecommunication		
	-	(2) programming stru		S Of all algorithm.
	(3) syntax	(4) logic chart	ucuire	(5) None of these
	(3) 3 y 11 w x			
557		, , ,	SA 2	(3) None of these
	To access a mainframe or superco	mputer, users often us		
	To access a mainframe or superco (1) terminal (2) node	mputer, users often us (3) desktop (4)		
558.	To access a mainframe or superco (1) terminal (2) node The central processing unit (CPU)	mputer, users often us (3) desktop (4)	handheld	
558.	To access a mainframe or superco (1) terminal (2) node The central processing unit (CPU) (1) contains the electronic circuits	mputer, users often us (3) desktop (4) that cause processing	handheld g to occur	
558.	To access a mainframe or superco (1) terminal (2) node The central processing unit (CPU) (1) contains the electronic circuits (2) make the information resultin	mputer, users often us (3) desktop (4) that cause processing g from processing available.	handheld g to occur nilable for use	(5) None of these
558.	To access a mainframe or superco (1) terminal (2) node The central processing unit (CPU) (1) contains the electronic circuits	mputer, users often us (3) desktop (4) that cause processing g from processing available and user response	handheld g to occur nilable for use	(5) None of these
558.	To access a mainframe or superco (1) terminal (2) node The central processing unit (CPU) (1) contains the electronic circuits (2) make the information resultin (3) allows data, programs, comma	mputer, users often us (3) desktop (4) that cause processing g from processing available and user response	handheld g to occur nilable for use	(5) None of these
558.	To access a mainframe or superco (1) terminal (2) node The central processing unit (CPU) (1) contains the electronic circuits (2) make the information resultin (3) allows data, programs, comma (4) consists of electronic compone	mputer, users often us (3) desktop (4) that cause processing g from processing available and user response ents that store data	handheld g to occur allable for use es to be enter	(5) None of these
558. 559.	To access a mainframe or superco (1) terminal (2) node The central processing unit (CPU) (1) contains the electronic circuits (2) make the information resultin (3) allows data, programs, comma (4) consists of electronic compone (5) None of these	mputer, users often us (3) desktop that cause processing grom processing available and user response onts that store data	handheld g to occur allable for use es to be enter	(5) None of these
558. 559.	To access a mainframe or superco (1) terminal (2) node The central processing unit (CPU) (1) contains the electronic circuits (2) make the information resultin (3) allows data, programs, comma (4) consists of electronic compone (5) None of these is when the computer is turn	mputer, users often us (3) desktop (4) that cause processing available of the cause of t	handheld g to occur hilable for use es to be entere hing system is	(5) None of these ed into a computer loading.
558. 559.	To access a mainframe or superco (1) terminal (2) node The central processing unit (CPU) (1) contains the electronic circuits (2) make the information resultin (3) allows data, programs, comma (4) consists of electronic compone (5) None of these is when the computer is turn (1) Booting (2) Flashing A includes the file name and (1) file information packet	mputer, users often us (3) desktop that cause processing available of the course processing available of the course of the cou	handheld g to occur allable for use es to be entered ing system is Taping or folder.	(5) None of these ed into a computer loading.
558. 559. 560.	To access a mainframe or superco (1) terminal (2) node The central processing unit (CPU) (1) contains the electronic circuits (2) make the information resultin (3) allows data, programs, comma (4) consists of electronic compone (5) None of these is when the computer is turn (1) Booting (2) Flashing A includes the file name and (1) file information packet (4) file specification	mputer, users often us (3) desktop that cause processing available of the course processing available of the course of the cause processing available of the course of t	handheld g to occur allable for use es to be entered ing system is Taping or folder. file directory	(5) None of these ed into a computer loading.
558. 559. 560.	To access a mainframe or superco (1) terminal (2) node The central processing unit (CPU) (1) contains the electronic circuits (2) make the information resultin (3) allows data, programs, comma (4) consists of electronic compone (5) None of these is when the computer is turn (1) Booting (2) Flashing A includes the file name and (1) file information packet (4) file specification A(n) is text that you want pr	mputer, users often us (3) desktop that cause processing grom processing available and user response onts that store data ned on and the operation of the second state and user response on the second state and the operation of the second state at the bottom of the second state at the bottom of the second state at the secon	handheld g to occur allable for use es to be entered ing system is Taping or folder. file directory f the page.	(5) None of these ed into a computer loading. (5) None of these
558. 559. 560.	To access a mainframe or superco (1) terminal (2) node The central processing unit (CPU) (1) contains the electronic circuits (2) make the information resultin (3) allows data, programs, comma (4) consists of electronic compone (5) None of these is when the computer is turn (1) Booting (2) Flashing A includes the file name and (1) file information packet (4) file specification A(n) is text that you want pr (1) header (2) endnote	mputer, users often us (3) desktop that cause processing grom processing available and user response onts that store data ned on and the operation of the second state and user response on the second state and the operation of the second state at the bottom of the second state at the bottom of the second state at the secon	handheld g to occur allable for use es to be entered ing system is Taping or folder. file directory f the page.	(5) None of these ed into a computer loading.
558. 559. 560. 561.	To access a mainframe or superco (1) terminal (2) node The central processing unit (CPU) (1) contains the electronic circuits (2) make the information resultin (3) allows data, programs, comma (4) consists of electronic compone (5) None of these is when the computer is turn (1) Booting (2) Flashing A includes the file name and (1) file information packet (4) file specification A(n) is text that you want pr (1) header (2) endnote You can use the tab key to	mputer, users often us (3) desktop that cause processing available and user response onts that store data ned on and the operation (3) Tracking possibly a directory of (2) file button (3) Too these of these of (3) footnote (4) file (5) None of these of (4) footnote (6) footnote (7) desktop (8) desktop (9) desktop (9) desktop (9) desktop (10) desktop (handheld g to occur allable for use es to be entered ing system is Taping or folder. file directory f the page. footer	(5) None of theseed into a computerloading.(5) None of these(5) None of these
558. 559. 560. 561.	To access a mainframe or superco (1) terminal (2) node The central processing unit (CPU) (1) contains the electronic circuits (2) make the information resultin (3) allows data, programs, comma (4) consists of electronic compone (5) None of these is when the computer is turn (1) Booting (2) Flashing A includes the file name and (1) file information packet (4) file specification A(n) is text that you want pr (1) header (2) endnote You can use the tab key to (1) move a cursor across the screen	mputer, users often us (3) desktop (4) that cause processing g from processing available and user response ints that store data ned on and the operati (3) Tracking (4) possibly a directory of (2) file button (3) footnote (4) en (2)	handheld g to occur allable for use es to be entered ing system is Taping or folder. file directory f the page. footer indent a parage	(5) None of these ed into a computer loading. (5) None of these (5) None of these
558. 559. 560. 561.	To access a mainframe or superco (1) terminal (2) node The central processing unit (CPU) (1) contains the electronic circuits (2) make the information resultin (3) allows data, programs, comma (4) consists of electronic compone (5) None of these is when the computer is turn (1) Booting (2) Flashing A includes the file name and (1) file information packet (4) file specification A(n) is text that you want pr (1) header (2) endnote You can use the tab key to (1) move a cursor across the scree (3) move the cursor down the scree	mputer, users often us (3) desktop (4) that cause processing g from processing available and user response ints that store data ned on and the operati (3) Tracking (4) possibly a directory of (2) file button (3) footnote (4) en (2)	handheld g to occur allable for use es to be entered ing system is Taping or folder. file directory f the page. footer	(5) None of these ed into a computer loading. (5) None of these (5) None of these graph
558. 559. 560. 561.	To access a mainframe or superco (1) terminal (2) node The central processing unit (CPU) (1) contains the electronic circuits (2) make the information resultin (3) allows data, programs, comma (4) consists of electronic compone (5) None of these is when the computer is turn (1) Booting (2) Flashing A includes the file name and (1) file information packet (4) file specification A(n) is text that you want pr (1) header (2) endnote You can use the tab key to (1) move a cursor across the scree (3) move the cursor down the scree (5) None of these	mputer, users often us (3) desktop that cause processing grom processing available and user response onts that store data ned on and the operati (3) Tracking (4) possibly a directory of (2) file button (3) footnote (4) file (5) None of these finted at the bottom of (3) footnote (4) file (4) file (5) None of these finted at the bottom of (6) footnote (7) file (8) file (9) file (9) file (1) file (1) file (1) file (2) file (3) footnote (4) file (4) file (5) file (6) file (7) file (8) file (9) file (9) file (9) file (9) file (1) file (1) file (1) file (2) file (3) file (4) file (5) file (6) file (7) file (8) file (9) f	handheld g to occur allable for use es to be entered ing system is Taping or folder. file directory f the page. footer indent a parage	(5) None of these ed into a computer loading. (5) None of these (5) None of these graph
558. 559. 560. 561. 562.	To access a mainframe or superco (1) terminal (2) node The central processing unit (CPU) (1) contains the electronic circuits (2) make the information resultin (3) allows data, programs, comma (4) consists of electronic compone (5) None of these is when the computer is turn (1) Booting (2) Flashing A includes the file name and (1) file information packet (4) file specification A(n) is text that you want pr (1) header (2) endnote You can use the tab key to (1) move a cursor across the scree (3) move the cursor down the scree (5) None of these A string of eight 0s and 1s is called	mputer, users often us (3) desktop that cause processing available of the course processing available of the course of the cou	handheld g to occur hilable for use es to be entered ing system is Taping or folder. file directory f the page. footer indent a paragony (1) and (1)	(5) None of these ed into a computer loading. (5) None of these (5) None of these graph (2)
558. 559. 560. 561. 562.	To access a mainframe or superco (1) terminal (2) node The central processing unit (CPU) (1) contains the electronic circuits (2) make the information resultin (3) allows data, programs, comma (4) consists of electronic compone (5) None of these is when the computer is turn (1) Booting (2) Flashing A includes the file name and (1) file information packet (4) file specification A(n) is text that you want pr (1) header (2) endnote You can use the tab key to (1) move a cursor across the scree (3) move the cursor down the scree (5) None of these A string of eight 0s and 1s is called (1) megabyte (2) kilobyte	mputer, users often us (3) desktop (4) that cause processing grom processing available and user response onts that store data med on and the operation of the second of	handheld g to occur allable for use es to be entered ing system is Taping or folder. file directory f the page. footer indent a parag Only (1) and ((5) None of these ed into a computer loading. (5) None of these graph (2) (5) None of these
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565.	A word in a web	page that, when	clicked, opens and	ther document.	
	(1) anchor	(2) hyperlink	(3) reference	(4) URL	(5) None of these
566.	The also ca	alled the Web, con	tains billions of d	ocuments.	
	(1) World Wide V	Web	(2) HTTP	(3) Web Portal	(4) domain
	(5) None of thes	e			
567.	The most widely	used input device	e is the		
	(1) mouse	(2) keyboard	(3) modem	(4) monitor	(5) None of these
568.	Permanent instr	uctions that the co	omputer uses whe	en it is turned on a	nd that cannot be changed
	by other instruct	tions are containe	d in		
	(1) ROM	(2) RAM	(3) ALU	(4) REM	(5) None of these
569.	Computations ar	nd logical operation	-	=	
	(1) RAM			(4) Control unit	(5) None of these
570.		sing computers is			
		re very fast and c	_		
		rovide accurate o	-	input is incorrect	
	• •	re designed to be			
	(4) All of these		(5) None of thes		
571.			_	o follow and to do	the task the same way as
	-	eeded is called	•	(2)	
		(2) sequencing		(3) programmin	g
57 2		(5) None of thes		common rocourge	e in a computer network?
3/4.	(1) Printers	ource is illust like	(2) Speakers	common resource	e in a computer network :
	(3) Floppy disk	drivae	(4) Keyboards	, \	(5) None of these
573				ons of people all o	ver the world is called
3/3.	(1) LAN		(3) Hypertext		
574		low to an icon		(4) internet	(5) None of these
374.		window		vindow	
	(3) maximise a v		(4) restore a wir		(5) None of these
575.	` '	ected to a LAN (lo			(6) 1.0 01 1
	=	((2) go on line		
		ation and/or sha		ipment	
	(4) E-mail		(5) None of thes	e	
576.	The portion tha	t shows all the ch	oices you can ma	ike while working	; in a window is called the
	•				
	(1) options	(2) table	(3) menu bar	(4) item bar	(5) None of these
577.	Which of the foll	owing is a commo	n extension used	in the file names i	for application programs?
	(1) EXE	(2) DIR	(3) TXT	(4) DOC	(5) None of these
578.		owing is not true			
	• •	should be a combi		-	c characters
		ould be maximum		=	
			= = = = = = = = = = = = = = = = = = =		it need not be noted down
		that can be typed	quickly without n	nuch effort should	be used
	(5) None of thes				
579.				controls computer	hardware and acts as an
		oplication prograi		(2) An arranti	- arratana
	(1) Object code		(2) A compiler	(3) An operating	system
	(4) The CPU		(5) None of thes	e	

580 .	Another word for CPU is			
	(1) microprocessor	(2) execute	(3) microchip	(4) decode
	(5) None of these			
581.	Hardware devices that are not part of the main computer system and are often added later to the			
	system are			
	(1) clip art (2) highlight	(3) execute	(4) peripherals	(5) None of these
582.	Information on a computer is stor		()	
	(1) analog data (2) digital data		(4) watts data	(5) None of these
583.	If you want to move an icon on yo			(5)
505.	(1) double clicking	(2) highlighting		(4) pointing
	(5) None of these	(2)	(5) (11 (15)1115	(1) pointing
584	To a document means to make changes to its existing content.			
JUT.	(1) format (2) save	(3) edit	(4) print	(5) None of these
505	Where is the disk put to enable the	. ,		(3) None of these
303.	(1) Disk drive (2) Memory (3) CPU (4) ALU (5) None of these			
E06		. ,		(3) None of these
300.	Which of the following is not an example of hardware? (1) Mouse (2) Printer (3) Monitor (4) EXCEL (5) None of these			
E 07		= =	The second secon	(3) None of these
307.	Which of the following is part of the (1) Monitor (2) CPU	=		(5) None of these
FOO		(3) CD-KOM	(4) Floppy Disk	(3) None of these
300.	IT stands for		(2) Into greate d To	a alam a la corr
	(1) Information Technology		(2) Integrated Te	
	(3) Intelligent Technology (4) Interesting Technology			echnology
500	(5) None of these			
589.	Something which has easily understood instructions is said to be (1) user friendly (2) information (3) word processing			
	(1) user friendly			sing
=00	(4) icon (5) None of these			
590.	What is the sense of Documenting software?			
	(1) To use software and maintain that		(2) To sell software at high price	
	(3) To sell software to many custo	(4) To that important		
	(5) None of these When a computer is shut down, what happens in RAM?			
591.				
	(1) Operating system	= =	(3) Software App	olications
	(4) Nothing (5) None of these			
592.	What is the shape of CDs?	(0)	(0)	
	(1) four cornered	(2) rectangular	(3) spherical	(4) hexagonal
=00	(5) None of these			
593.	What is output?		(0)	
	(1) Which processor takes from user		(2) Which user gives to processor	
	(3) Which processor gets from user		(4) Which processor gives to user	
	(5) None of these			
594.	The blinking symbol which is seen on the screen that shows where the any character will appear			
	?	(2) ((4) ((F) N (1)
	(1) of delete (2) of control	(3) of cursor	(4) of return	(5) None of these
595.	A small figure that represents as an application on your screen that is			
=0.4	(1) menu (2) photo	(3) modem	(4) icon	(5) None of these
596.	Copyrighted software that can be			CED NY COL
= ^ -	(1) shareware (2) freeware	() 0 1	(4) e-mail	(5) None of these
597.	The becomes different shapes depending on the task you are performing.			
	(1) active tab (2) insertion poi		(3) mouse point	er
	(4) Ribbon (5) None of thes	e		

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598. The capability of the operating system to enable two or more than two instructions to execute
     simultaneously in a single computer system by using multiple CPUs is _____.
     (1) Multitasking
                                   (2) Multiprogramming
     (3) Multiprocessing
                                   (4) Multiexecution
                                                                  (5) None of these
599. All of the following storage media have Read and Write capabilities except __
     (1) flash memory cards
                                   (2) CD-ROMs
     (3) hard disk drives
                                   (4) floppy disks
                                                                  (5) None of these
600. The _____ enables your computer to connect to other computers.
     (1) video card
                                                  (2) sound card
     (3) network interface card (NIC) (4) controller card
     (5) None of these
                                     Answer Key
1.(4)
        2.(1)
                3.(3)
                        4.(4)
                                5.(4)
                                        6.(4)
                                                7.(1)
                                                         8.(2)
                                                                 9.(1)
                                                                           10.(2)
11.(2) 12.(3)
               13.(4)
                        14.(1)
                                15.(3) 16.(3) 17.(1)
                                                         18.(3)
                                                                 19.(2)
                                                                           20.(3)
21.(1)
                        24.(3)
                                25.(4)
                                        26.(1) 27.(3)
                                                                 29.(3)
                                                                           30.(4)
       22.(3)
               23.(1)
                                                         28.(2)
31.(2) 32.(1)
               33.(4)
                        34.(2) 35.(4) 36.(3) 37.(3)
                                                         38.(4)
                                                                 39.(4)
                                                                           40.(3)
       42.(3)
               43.(3)
                        44.(4) 45.(2)
                                        46.(4) 47.(4)
                                                                 49.(3)
                                                                           50.(1)
41.(2)
                                                         48.(1)
51.(3)
       52.(2)
               53.(3)
                        54.(3) 55.(1)
                                        56.(4) 57.(3)
                                                         58.(4) 59.(2)
                                                                           60.(3)
61.(1) 62.(4)
               63.(3)
                       64.(2) 65.(1) 66.(1) 67.(4)
                                                         68.(1)
                                                                 69.(1)
                                                                          70.(4)
71.(2)
       72.(3)
               73.(3)
                       74.(1) 75.(3)
                                        76.(1)
                                                77.(3)
                                                         78.(3)
                                                                 79.(1)
                                                                           80.(3)
81.(4) 82.(2)
               83.(4)
                        84.(2) 85.(2) 86.(1)
                                                         88.(2)
                                                                 89.(4)
                                                                           90.(1)
                                                87.(2)
                                                         98.(3)
                                                                 99.(3)
91.(1) 92.(4)
               93.(2)
                        94.(3) 95.(4) 96.(1) 97.(1)
                                                                         100.(4)
101.(1) 102.(4) 103.(1) 104.(2) 105.(4) 106.(3) 107.(2) 108.(2) 109.(3) 110.(4)
111.(1) 112.(2) 113.(2) 114.(3) 115.(3) 116.(1) 117.(1) 118.(1) 119.(3) 120.(4)
121.(3) 122.(3) 123.(4) 124.(3) 125.(2) 126.(4) 127.(4) 128.(3) 129.(1) 130.(4)
131.(2) 132.(4) 133.(1) 134.(2) 135.(4) 136.(4) 137.(2) 138.(1) 139.(4) 140.(3)
141.(2) 142.(3) 143.(3) 144.(3) 145.(3) 146.(1) 147.(1) 148.(1) 149.(5) 150.(4)
151.(3) 152.(3) 153.(5) 154.(3) 155.(1) 156.(1) 157.(3) 158.(1) 159.(3) 160.(5)
161.(3) 162.(2) 163.(2) 164.(2) 165.(4) 166.(1) 167.(1) 168.(4) 169.(3) 170.(2)
171.(2) 172.(2) 173.(4) 174.(1) 175.(2) 176.(4) 177.(5) 178.(3) 179.(4) 180.(4)
181.(5) 182.(3) 183.(5) 184.(5) 185.(1) 186.(1) 187.(2) 188.(4) 189.(3) 190.(2)
191.(4) 192.(2) 193.(1) 194.(4) 195.(1) 196.(2) 197.(4) 198.(5) 199.(2) 200.(2)
201.(3) 202.(4) 203.(5) 204.(1) 205.(1) 206.(3) 207.(4) 208.(5) 209.(3) 210.(1)
211.(2) 212.(1) 213.(3) 214.(4) 215.(1) 216.(4) 217.(2) 218.(2) 219.(1) 220.(1)
221.(2) 222.(3) 223.(5) 224.(3) 225.(5) 226.(3) 227.(5) 228.(2) 229.(1) 230.(2)
231.(2) 232.(5) 233.(4) 234.(2) 235.(2) 236.(5) 237.(5) 238.(1) 239.(1) 240.(1)
241.(5) 242.(2) 243.(3) 244.(1) 245.(2) 246.(1) 247.(4) 248.(3) 249.(4) 250.(2)
251.(4) 252.(3) 253.(1) 254.(5) 255.(2) 256.(5) 257.(1) 258.(4) 259.(5) 260.(1)
261.(3) 262.(3) 263.(5) 264.(5) 265.(2) 266.(5) 267.(4) 268.(3) 269.(2) 270.(4)
271.(3) 272.(4) 273.(3) 274.(1) 275.(2) 276.(2) 277.(4) 278.(3) 279.(1) 280.(2)
281.(4) 282.(5) 283.(4) 284.(1) 285.(2) 286.(3) 287.(1) 288.(1) 289.(5) 290.(2)
291.(1) 292.(3) 293.(1) 294.(5) 295.(3) 296.(3) 297.(4) 298.(5) 299.(3) 300.(3)
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301.(4) 302.(5) 303.(4) 304.(3) 305.(5) 306.(4) 307.(3) 308.(4) 309.(2) 310.(3)
311.(1) 312.(3) 313.(2) 314.(2) 315.(4) 316.(4) 317.(1) 318.(2) 319.(4) 320.(5)
321.(3) 322.(5) 323.(3) 324.(5) 325.(4) 326.(5) 327.(5) 328.(2) 329.(1) 330.(1)
331.(2) 332.(2) 333.(2) 334.(3) 335.(4) 336.(2) 337.(1) 338.(5) 339.(5) 340.(2)
341.(1) 342.(4) 343.(2) 344.(2) 345.(5) 346.(2) 347.(2) 348.(2) 349.(4) 350.(2)
351.(4) 352.(1) 353.(1) 354.(2) 355.(5) 356.(1) 357.(1) 358.(4) 359.(4) 360.(2)
361.(3) 362.(3) 363.(5) 364.(1) 365.(1) 366.(2) 367.(4) 368.(2) 369.(3) 370.(5)
371.(5) 372.(2) 373.(1) 374.(5) 375.(5) 376.(1) 377.(3) 378.(3) 379.(1) 380.(5)
381.(5) 382.(4) 383.(2) 384.(3) 385.(2) 386.(4) 387.(3) 388.(3) 389.(3) 390.(2)
391.(2) 392.(2) 393.(3) 394.(5) 395.(4) 396.(1) 397.(5) 398.(2) 399.(1) 400.(2)
401.(2) 402.(4) 403.(2) 404.(3) 405.(5) 406.(4) 407.(1) 408.(4) 409.(1) 410.(4)
411.(2) 412.(1) 413.(5) 414.(1) 415.(1) 416.(3) 417.(5) 418.(5) 419.(1) 420.(3)
421.(2) 422.(5) 423.(5) 424.(1) 425.(1) 426.(2) 427.(5) 428.(4) 429.(5) 430.(3)
431.(3) 432.(2) 433.(1) 434.(4) 435.(3) 436.(2) 437.(5) 438.(1) 439.(1) 440.(5)
441.(1) 442.(5) 443.(2) 444.(1) 445.(2) 446.(2) 447.(4) 448.(2) 449.(1) 450.(4)
451.(4) 452.(2) 453.(4) 454.(5) 455.(4) 456.(4) 457.(4) 458.(3) 459.(3) 460.(5)
461.(5) 462.(4) 463.(5) 464.(3) 465.(3) 466.(4) 467.(2) 468.(2) 469.(5) 470.(3)
471.(5) 472.(1) 473.(3) 474.(4) 475.(1) 476.(1) 477.(5) 478.(1) 479.(3) 480.(1)
481.(1) 482.(2) 483.(2) 484.(1) 485.(2) 486.(3) 487.(1) 488.(2) 489.(3) 490.(2)
491.(1) 492.(4) 493.(2) 494.(4) 495.(4) 496.(4) 497.(1) 498.(1) 499.(2) 500.(2)
501.(2) 502.(2) 503.(1) 504.(3) 505.(2) 506.(3) 507.(3) 508.(4) 509.(4) 510.(4)
511.(1) 512.(3) 513.(4) 514.(1) 515.(5) 516.(2) 517.(2) 518.(3) 519.() 520.(3)
521.(1) 522.(5) 523.(1) 524.(5) 525.(2) 526.(3) 527.(1) 528.(4) 529.(3) 530.(3)
531.(1) 532.(4) 533(2) 534.(2) 535.(4) 536.(2) 537.(1) 538.(3) 539.(2) 540.(5)
541.(4) 542.(1) 543.(4) 544.(3) 545.(5) 546.(2) 547.(1) 548.(4) 549.(4) 550.(1)
551.(2) 552.(2) 553.(1) 554.(3) 555.(2) 556.(1) 557.(1) 558.(1) 559.(1) 560.(4)
561.(4) 562.(4) 563.(4) 564.(2) 565.(2) 566.(1) 567.(2) 568.(1) 569.(2) 570.(1)
571.(3) 572.(1) 573.(4) 574.(2) 575.(3) 576.(3) 577.(1) 578.(2) 579.(3) 580.(1)
581.(4) 582.(2) 583.(3) 584.(3) 585.(1) 586.(4) 587.(2) 588.(1) 589.(1) 590.(1)
591.(4) 592.(3) 593.(4) 594.(3) 595.(4) 596.(2) 597.(3) 598.(3) 599.(2) 600.(3)
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