Modern Sack A modern Jack Connects a telephone like to the Compoter it is the same type al Composedor as a telephone jack. A composters with an Internal modern has a modern yocks. Handware Components There are only 6 groups of Computer hand Dance Components! Adobors Person Notesale.co.uk Page 5 of 121 Input sevice Prese are used to Infact various form of data or Information into the Compoters for processing purpose these devices can be to the Computer as your requirement there are the following input device worn as Keyboard, mouse etc. Output Device > There are used to Show the presult of processing either on Voycen or in the Using the printer there are following outfut devices as:

Memory Management Onit! It handles the addressing Dearch where data store in system memory whenever the CPO needs dorrothing from memory it manages memory segmentations an bagging. Allocations and Itanstate all logical addressing into physical addressing. Box Interface Unit i* It supervise the transfer of data over the bus system between the Components of the Comported and the CPU. At also vowes as an interface point for theches with transfer out of the Control of the C Components of Composer System. Example - CPU, Ram, video Components and other different Components. a types of System Board! Non Integrated System Board & It is assormabled from expension board. This broard is easily Identified because of each expansion solot occaply occupied is own physical opace. It is Classified by there design. All the Components had to attach

wettings the C-mas chip requires power Carmida hours Constantly Somper and SIP soulitches; Prese ask used to Configure various hardware options on the motherboard Processor are a different voltage and 2 moltiphoners. Po achieve those tranget voltage and frequency. Power Supply + The device in the Composer that provides the power to the power supply. Converts 110 vott Ac corrente of a Compoter needs board (NO) + 5 board (AC), -5 board Components in modern Pc do not use the regative bollage. SMPS : Switch made power workly. In SMPS the AC mains Impot is directly rectified and then filtered to obtain in De voltage The Hexolling DC voltage in then switch onn and off ect a high frequency by electronic oswitching circuitly switch mode sources supply are usually regulated and to keep the outpot voltage Constant

1) Hand Dist ! System Contains 3 Critical Componen Controller i Harddisk System Store Small disk. translator Convertino signals from the hard drive and Controller t that Compoter Can undowstand

NAME OF TAXABLE PARTY.		
Alabh. Di	e!-	
Alaphy Dais	A flatos de	isk is a magnetic flexible distate
ortonae medi	a that use the	Alexible distate
mide al	the thin blastic.	In laved in a
bolection	placing the globby	disk itself enables
that Informat	ion to be to to	ausform from one
Compoler to	olacing. The flappy too too the easily. Those and	e two types of
Jophy disk.	0	01 0
0.110		
i) 51/4		
ii) 31/2		
	A floppy drive is	used to read land
write Informati	on the advantage	ale CO. U.
that they	A flooply drive is advantage allow portability egg to 2000 to	O Jana
	cham Not	121
Hopby drive slige	11010 30001	Capacity
previe	pade 45	360 Kb
51/4	Pas	1.2 mb
31/2	80	720 Kb
31/2	80	1.44 mb
31/2	80	2.88 mb
CD - ROM :-		
	Most Computers	have a CD-ROM
drive. The	Compact Disk viol-	
	in co player. The	
	a for long term	
	only that once	
	n Von a co. 1	
orranged	, exased, and Cha	ugad.
SPACE SECTION AND DESCRIPTION OF THE PERSON	the state of the s	U

2) The executary propers of backup is to receive file from an earliest time. According to a wer define date policy. If the typically Configer with in a backup application for How long Co asse steguired properly backop mechanism in a Dimple form of discusted ofecouses and the other Complex Configuration stock as the Computer Claster, Active Volisedory. In general backup and secovery sejen to the various sleps and procedures involve in protecting your database against data los And Reconstructing the database after any kind of data loss. There are two types 2) legical Backup notesale. ge 31 of 121 Physical Backup are backup of physical file used in storing and recovering your database osuch as data files, Control files and Redo log files. Copying of file storing dotabase Information some I location whether on disk or some offline storage such as Rape monitor Conagnetic It Contains logical data for Example: Pable or procedure, export from

a database and store in a binary file letter reimposting into database using the corresponding othity Walterood Restore Something to its formal Condition therefore when you restore electronic it to a previous whave, restoring Often called a that ded some the Backob! file Backub System Image Lik Backupi It is used to save the zio file. There are two types of file backup are 800 ported 11 Normal Backop Inchemental Backup

Normal Backepi It stores everything selected for Backup. Incremental Backupi It sotores only files that are Change after a previous backup. System Image i System mage in are dist Imple. There are two types ! Differential Image have been change need to be backup. window Backup Services responsible for backup and restore operation. The WB (window Base) admin Command line utility also be used. Display Device Display System Convert Compoter signal touch and prelieve and display on T.V. screen today we use cathode Ray

a) Mouse Keyboard; Enable the Non-Lock, keyboard Auto delete mouse. 4) Drive Configuration!
Configure thord drive, CD-ROM
and fleppy disk drive. 5) Memory! Sirect the Blos to Shadow a superific memory address. m Notesale.co.uk the Computer. CIC as wet the the amount of stand by suspend. & Exit: save your charges, discard your charges or sestore default bellings. The BIOS ones comos technology to some any changes main to the Composer welling on supply in a spower to keep to data.

I long à allost video Error
Dolottons
+ One long 2 whort
check the video is properly Connected or not suppose the video Cand.
+ One long 8 Whost
video Cand
* One long 3 Whost Notes 21
wideo Cand * One long 3 Whost Notes 31e.Co.UK Check the Rant Page A Corteto or not. * Pleven Whost Page
check that Gathe memory chip is properly Connected or not replace.
* Pen Whoot
Replace the cmas chip replace the
* Eight Short

Read / Write Head ! Hard drive and Jloppy drive have a read write hard most hard have two head for each platter, one is used to read / write date to top of the platter and on other hard it is bard to read and write to the bottom side of the platter Backs! drei bebien a resteld seried break Amany driver. The platter is the entire track. The packs are separate possable to each other in a first track is a It is located clock to the le edge of the platter to so disk also have Page 51 of 12' Preview from N assea on a hand drive 18 a Dector. A Sector Can had morimon 500 wides of Information each sector contains the same amount of data. A platter typical hard dist Contain approximately 63 dectors per track . A group of sector is called Clarter. Celinder! Diniber no of toacks on all platter for Example, if you have 6 platter you would have total no. 12 workface.

Accessing Data from Hard Disk! Data bits are recorded on the Asacks of a symmetry disk sourface and said from the soughts by moved and white heads there were files basic type of this system. 1) Movid head 2) Fined freed The moving head system has the read/ write need you each disk suggeste structor in this time & ystem each sead /usaile thousand res. to access the each trace votes in the control of the same votes in the each trace votes in the same votes in the control of the same votes in the control of page bage number of stead/white disk Simface. Hastd Dries Pastlition and Gamatting! Two primary methods are used to preface for outporting abouting system and applications and formatting. Partitioning ! It is the process of deviding one physical hand above into explanated as of stooged. In Another woods you can create sourced agreed hand doing out of Jone physical

ask used by the system and by the withall upone of the surtern. In order to appin Some access. These accounts are Charled to grant basic sourices t tool local Domain These accounts are also Created in domain Controllers automatically when active and should be a Notesate Co-disabled

Preview to by its a state of the same of Preview Trolling 75 of 121 Wharing is always access or and to till on the network computer. Usen have access to Share will determine if they can pass through the notwork. Sharing Permissions i Full Control (Read / write, Delete) Permissions for Read Permissions for Delete

Level 1: Missoring / doplicating leve 2: Ostripping with ecc (errors Connection Code) level 3! Ostsipping with a dedicated privated dist level 4; Independent data disk with whose bisated disk. Independent date Notes ale.co.uk Second Posity. level 5! Plug and Play jadwees of Windows 2000 papi that allow the addition of a new device normally a periphoid without requiring re-Configur It is an add on features to the IBM PC, Intel, ISA BUS that allows the addition of a new peripheral without requiring that a user enouse an unoccupied Input /output addresses manual Configuration

all line reservation network, 3) Metropoletian Asa Network (MAN); It is a Network that interconnects over with Compaker sessionces in a geographical assea or region Jasepps I that Covered by even Ja LAN bot smaller than \$ 1-40 the area carered by a WAN. It is a data neturnsk design for a town or city. MAN'S are usually leatoned by very I high speed contitions using libon obtics cable or MAN can support ofes and might every by related 2to the local netrooph O It uses several VAN (value Aided Network) It is a Communication Channel least from a telephone Company to offer Contomo with modern access to Unetwork seemice trough a local or Poll free No. Campos Area Network (CAN) The Compoters are with in a limited geographical area Such as a Campus or melletary Base.

Client Aschitecture Each Computer or process on the network is either a client or a sserver . Each Client or Survey Connected to a network can also be stelested to as a node. The most basic al client server architecture is employees only two types of Nodes Client and Somes. Et also called I they Architecture it also allows device to share files and resources each instance of the Cleant Wattersone Can Can accept each seguest determ the dequest lylo. nation (Service (IIS) using Combination of Voerver wite. Active server brogsamming and clients side socription Von the web Derver whi client wide wastet son on the client web Browner a Client! Activate the master Computer. Initiale Regiont

the stouting protocal. It use logical and turical additioning to connect two do more Ically Separated Herrory . They accomposion this network regments as sout networks. got nethopoles is given a which allow the network to be departe bot Will access each other and exchange data when necessary. Rocter Operations Routing is a function of network of the OSI model porting Table Contain a information rather that a data schoold take to travel through the Internet work and Frach its destination. A headen of each packet that annive and extract the destination address of the tacket. The Router then sends the partet out on the appropriate transmission tests tased on a calculation of the Offirmorn Roote to the destination There do two functions: 1) Forwarding Functions

Merk Topology U functioning al performance. The topology becomes preview from Nothernanty.

Preview from 113 of 13 of 13 of 14 of 1 Hybrid Topology is wimply a mix of other topologies it would be impossible Illustrate/define it because there Combinations. Infact most Compoters today are not only hybrid but hetotogenous

local Network Appa Network Media It can be developed using functionality distance Coursease and distance Coursage and bandwith of media There are two basic Catgories 1) Electrical Media 2) Obtical Media tesale.co.uk Electrical Media: stepersent a binary width and absent of voltage for 5 millisconds depossent birary o. These Includes: 1) HISTP (Whileded Puristed pour & Cable UTP (Unshielded Pwisted pair) Cable 3) Coaxial Cable :-There are two featores; 1) This wix Goxial Cable 2) Theek wise Coxual Cable

address a n	etembe admir	pietrator 1	perrows bik	
from the he	at light and	designate	e them as	
the Makes	t field. I	a min mo	m no. of	
Lile VI	can be	1- mouned	is do 2	
OII MAT	can be	1	to Caroate	
only or	e bit was	possome	alal apply lar	
Va Usobne	t then there	e too we	J Carly	
a network	nomber a	nd the o	road case	-
nomber. 1	u maximom	number	of lite that	
			number that	
leaves	atleast a bits	remaldi	ng for the	
host nom	best. Any Cox	nbination	Jof these	
borrows 1	& known as	Subnet -	boot Eduabt	
all b's	and all I's		CO ATRACT	
		+458	Subnet adde	less
is earral to	the mal me	Find And	3	
bandCash	.fro	OLD L		
240116	totale netwo	L V	a broadcast	
Pression	Total nerwo	ok That	18 Why	
These box	ne are R	nown as	Unosable	
	All other Sut	nels are	known as	
usabale	Subnek.			
	Minimom			
Class	Manan lik	boromain Monei	mum bits bone	מוכר
			211011 0142 0072	
Class A	2		22	
Class B	2			
Class C	2		14	
	~		6	
		1		
				-
1000		V Comment of the last of the l		-