

# INTERNET

The rapid progress made in the field of Information Technology has revolutionized the world of communications. The world is gradually becoming global village as interaction among people all over the world has become more frequent than ever before. The widespread and effective use of computers in the field of telecommunications has made the world a smaller place to live in. ISD, Fax, e-mail, paging service and now the Internet all are the gifts of revolution. Internet-all are the gifts of this revolution. Internet harassed much interest in recent days, as it has become a powerful medium of communication. But what is Internet? and how is it operate?

Internet is the world largest computer network. a computer network is basically a bunch of computers connected together in some way or other. It is just like a radio or TV network that links various radio's and TV stations. So that they can share a common program. The major difference is that, in TV networks, the same information or program is sent to all stations. But whereas in the computer network, each particular message is particularly routed to a particular computer. Some computer networks consist of central computer and a bunch of remote stations that report to it for example: The centralized railway reservation system, which links many terminal counters to a centralized computer. Some other networks like the Internet permit any computer on the network to communicate with any other. Actually, the Internet is not really a network; it's a network of network-all freely exchanging information.

Through Internet people from all countries can now share information, ideas, stories, data and opinions – the functions that are now generally carried out by letters, telephone & other modes of communication. It case became the fastest and most reliable way to move are an exchange information. For example: during the 1991, soviet coup, a tiny Internet provided all the information to the rest of the world when all other communication systems where shut off. Medical researchers all over the world use the Internet to maintain databases of rapidly changing data.

The Internet facilities are provided through a large set of different services. Through to mention all the services would make the list exhaustive, some examples can be given. Electronic mail is the most widely used Internet service. Electronic mailing list enables one to join in-group discussions & meet people over the Net. On-line conversation, Information retrieval, Bulletin boards & Games & Gossip are some other kind of Internet services.

India's access to the Internet has a new phase of computer communication in the country. Originally the small electronic community in the American Defense Department as a way for **MILITARY RESEARCHES** to contact with each other, Internet is now the words largest electronic Networks.

**S Anusha ,**  
**II B.Sc. (CS) – 'A'.**

## **ON-LINE ACCESS PROVIDERS AT A GLANCE**

Some of the ON-LINE firms are listed below:

- America on-line
- Computer link Information Exchange(CIX)
- Compu serve
- Microsoft network
- E-world
- UK online

**By,**  
**E Sudha,**  
**Final B.C.A.**

## INTERNET EXPANSIONS

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AUI	Auxiliary Unit Interface.
AUP	Acceptable Use Policy
FTP	File Transfer Protocol.
GUI	Graphics User Interface.
GIF	Graphics Interchange Format
IP	Internet Protocol.
MIME	Multipurpose Internet Mail Extensions.
MUD	Multi User Dungeon.
NNTP	Network News Transport Protocol
NII	National Information Infrastructure.
NCSA	National Centre For Super Computing Application.
RTF	Rich Text Format.
POTS	Plain Old Telephone Service.
SLIP	Serial Line Internet Protocol
ISP	Internet Service Protocol.
WAIS	Wide Area Information Service.
URL	Uniform Resource Locator

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**B.Ramya, II-B.Sc (CS) 'B'.**

### MORE HONESTY ON E-MAIL

Honesty varies with the medium being used. Atleast that's what a recent study says, the first study to compare honesty across different communication media has found that people are twice as likely to tell lies in phone conversation as they are in E-mails.

At Cornell University, US, 30 students were asked to keep a communication diary for a week in it they noted the number of conversations or E-mail exchanges they had lasting more than 10 mins and confessed to the number of lies they had told.

The number of lies made up 14% on E-mails,21% of instant messages,27% of face-to-face interactions and a whopping 37% of phone calls.

The results have surprised psychologists. It appears that people are afraid to lie when they know the communication could later be used to hold them to account, as in the case of E-mails.

**Vidhya K & Vidhya B,  
III-BCA.**

## **PLASMA DISPLAYS-BRUSH UP!**

Plasma screens first entered US at the end of 1999, but the concept has been around since July of 1964, First developed at the University of ILLINOIS.

### **Working of a plasma display:**

For the past 75 Years the vast majority of televisions have been built around same technology, the cathode ray tube (CRT), recently a new alternative has popped up, the plasma flat panel display. These televisions have wide screens, comparable to the largest CRT sets, but they are only about 15 cm (6inches) thick.

The basic idea of a plasma display is to illuminate tiny colored fluorescent lights form an image. Each pixel is made up of three fluorescent lights-red, green and blue.

### **Inside the display:**

The “Xenon and neon “ gas in a plasma television is contained in hundred of thousands of tiny cells positions between two plates of glass.

The transparent display electrodes, which are surrounded by an insulating dielectric material and covered by a "magnesium oxide " protective layer, are mounted above the cell, along the front glass plate.

### **Advantages**

- Higher resolution.
- Exceptional color accuracy.
- Windscreen aspect ration.
- Perfectly flat screen.
- Uniform screen brightness.
- Universal display capability.
- Immunity from magnetic fields

**By,  
A Karthikeyan,  
II- B.C.A.**

## LET US LAUGH A WHILE.....!

### Technical writing:

There was once a man who in his youth professed his desire to become a great writer. When asked he said, "I want to write stuff that whole world will read, stuff that people will react to on a truly emotional level, stuff that will make them scream, cry, howl in pain and anger!"

He now works for Microsoft writing error messages.

### Language issues:

- 'C'ta** : I've just become a member of the Rotary club.  
**RAMa** : Public member or private?  
**'C'ta** : Hey! My submarine is not sinking in water. What could be wrong?  
**RAMa** : You have probably used 'float' instead of 'double' in the software.  
**'C'ta** : Hey RAMa, can you do me a favour? Can you pass on their 500 rupees to Sruthi?  
**RAMa** : Sure! Why not? But isn't passed by value or pass by reference?  
**'C'ta** : Hey! What's the time now?  
**RAMa** : System time or local time.

## WINDOWS-95

### Pity Definition

32-bit extensions and a graphical shell for a 16-bit patch to an 8-bit operating system originally coded for a 4-bit Microprocessor written by a 2-bit company that can't stand 1-bit of competition.

By,  
**M.A.S.Kavin,**  
**II - BCA.**

## GENERAL ABBREVIATIONS

<b>AAM</b>	-	Air to Air missile
<b>ACP</b>	-	Assured career Progression.
<b>ADA</b>	-	Aeronautical Development agency.
<b>AMIE</b>	-	Associate member of the institute of engineer.
<b>ATM</b>	-	Automatic teller machine / Any time money.
<b>BIS</b>	-	Bank of International Settlement.
<b>CAS</b>	-	Chief of Army Staff.
<b>CBA</b>	-	Collecting Beam Accelerator.
<b>CBT</b>	-	Children's book trust.
<b>CIA</b>	-	Central Intelligence Agency.
<b>CN</b>	-	Compressed Natural Gas.
<b>EPO</b>	-	Earth Parking Orbits.
<b>EOU</b>	-	Exports Oriented Unit.
<b>ESP</b>	-	Extra Sensory Perception.
<b>EVR</b>	-	Electro video recording.
<b>FAQ</b>	-	Fair Average Quality.
<b>FTU</b>	-	Free Trade Union.
<b>FTZ</b>	-	Free Trade Zone.
<b>GEF</b>	-	Global Environment Fund.
<b>GPRS</b>	-	General Pocket Radio System.
<b>GRE</b>	-	Graduate record examination.
<b>IB</b>	-	Intelligence Bureau.
<b>ICE</b>	-	Infotech Communication and entertainment.
<b>IFS</b>	-	Indian forest service.
<b>IRTS</b>	-	Indian railway traffic Service.
<b>KRC</b>	-	Konkan Railway corporation.
<b>LIPS</b>	-	Language Independence Programme Substitutes.
<b>MCC</b>	-	Maoist Communist centre.
<b>MES</b>	-	Military Engineering service.
<b>NDDB</b>	-	National Dairy Development Board.
<b>NSO</b>	-	National Science Olympiad.
<b>OBC</b>	-	On-Board computer.
<b>TWT</b>	-	Two-way tince.
<b>UPPV</b>	-	Union for the protection of plant varieties.

<b>VAT</b>	-	Value added tax.
<b>WAP</b>	-	Wireless application protocol.
<b>WAY</b>	-	Way assembly of youth.
<b>MODVAT</b>	-	Modified value added tax.
<b>XML</b>	-	Extensive mark up language.
<b>YWCA</b>	-	Young women's Christian association.
<b>ZBB</b>	-	Zero Based Budget.
<b>ZPG</b>	-	Zero Population Growth.

**By,**  
**S Anitha,**  
**II - BCA.**

## LIBRARY FUNCTION

The project & forms names will have prefixes that help describe what type of object the names relates to. The standard prefixes that are used to name the different objects in Visual Basic.

S.NO	OBJECT	PREFIX	EXAMPLE
1	Active Doc	Acd	Acd WebPages
2	Check box*	Chk	Chk pickme
3	Combo box*	Cbo	Cbo customer
4	Command button*	Cmd	Cmd cancel
5	Command group	Cmg	Cmg selections
6	Container	Cnt	Cnt moverlist
7	Control	Ctl	Ctl filelist
8	Custom	<user-defined>	User-defined
9	Data control	Dat	Dat emp table
10	Data-bound combo box	Dbc	Dbc customer
11	Data-bound grid	Dbg	Dbg sales
12	Data-bound list box	Dbl	Dbl city
13	Directory list box	Dir	Dir folders
14	Drive list box	Drv	Drv disks
15	Edit box	Edt	Edt memo
16	File list box	Fil	Fil display
17	Form*	Frm	Frm main
18	Form set	Frs	Frs order entry
19	Frame	Fra	Fra options
20	Grid	Grd	Grd sales
21	Column	Grc	Grc sales jan
22	Header grn	Grn	Total inventory
23	Horizontal scroll bar	Hsb	Hsb left right

24	Hyper link	Hpl	HPLMYURL
25	Image*	Img	Img icon
26	Label*	Lbl	Lbl help message
27	Line	Lin	Lin vertical
28	List box*	Lst	Lst stat
29	Menu	Mnu	Mnu edit
30	OLE bound control	Olb	Olb object1
31	OLE	Ole	Ole object1
32	Option button	Opt	Opt save all
33	Option group	Opg	Opg type
34	Page	Pag	Pag data update
35	Page frame	Pgf	Pgf left
36	Picture box	Pic	Pic wallpaper
37	Project-hook	Prj	Prj build all
38	Separator	Sep	Sep tool selection1
39	Shape*	Shp	Shp circle
40	Spinner	Spn	Spn values
41	Text box*	Txt	Txt customer name
42	Timer*	Tmr	Tmr alarm
43	Toolbar*	Tbr	Tbr report
44	Vertical scroll bar	Vsb	Vsb up down

**By,**  
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# **FAMILY & FAULTS OF COMPUTER.**

## **IC – FAMILIES:**

Several types of IC's of have been developed over the years.

1. Register – Transistor Logic (RTL)
2. Diode – Transistor Logic (DTL)
3. Transistor – Transistor Logic (TTL)
4. Emitter – Coupled Logic (ECL)
5. High – Threshold Logic (HTL)
6. Metal – Oxide Semiconductor Logic (MOS.)
7. Complementary Metal – Oxide Semi – Conductor Logic (CMOS)
8. Integrated Injection Logic (IIL)

## **CHARACTERISTICS OF IC – FAMILIES:**

- Speed
- Power Dissipation
- Cost
- Operating Temperature range
- Noise margin (Noise Immunity)
- Packing Density
- Loading and Driving Limits
- Ease of Inter Facing
- Operating Supply Voltage
- Ease of Handling

## **TTL – SUB FAMILIES:**

- ✓ High Speed or High Power TTL H Series
- ✓ Low Power TTL (L Series)
- ✓ Schottky TTL (S Series)
- ✓ Low Power Schottky TTL (LS Series)
- ✓ Advanced Low Power Schottky TTL (ALS Series)

## **MOTHER BOARD CONNECTION & JUMPS:**

The following are the motherboard Connection & Jumps

- ❖ P1 - Power Supply Connector - +12V & -12V
- ❖ P2 - Power Supply Connector - +5V & -5V
- ❖ P4 - Speaker Connector
- ❖ P5 - Keyboard Connector
- ❖ JP1 - Reset Connector
- ❖ JP2 - Disable Software Selector – Turbo Mode
- ❖ JP3 - Ram Bank Type Jumper
- ❖ JP4 - Ram Capacity Jumper – 256K / 640K
- ❖ JP5 - Turbo / Normal Switch Button / Switch
- ❖ JP6 - Turbo / Normal Hardware Selection Jumper
- ❖ JP7 - Turbo / Normal Software Selection Jumper
- ❖ JP8 - Key Lock Jumper
- ❖ JP89- Turbo LED & Power LED Connector.

### **Nature of faults :**

Computer faults are broadly classified into two types based on the frequency of occurrence of the problem.

- Permanent or Solid faults
- Intermittent faults.

### **Permanent or solid faults :**

When there is a Permanent fault in the computer, the computer misbehaves consistently. Any number of times the program is run, the result or symptom will be the same.

### **Intermittent faults:**

When there is a intermittent fault in the computer, the computer behavior is not Consistent. Some times it works properly and sometimes suddenly malfunctions.

### **Types of faults (Hardware & Software) :**

There are two different types of faults in the computer. They are,

- 1) Software faults
- 2) Hardware faults

**1) Software faults :**

- i.) The program is not proven. It is a new program and not yet debugged thoroughly.
- ii.) The program will work for only certain types of data. It is also due to incoming testing of software.

**2) Hardware faults :**

- i) Electronic problems,
- ii) Mechanical problems,
- iii) Environmental problems,
- iv) Media problems.

**By,  
S Thiyaneashwaran,  
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## **COMMUNICATE TO WIN**

### **COMMUNICATION IN EDUCATION**

- Education is all about communication not only of hard facts but also of thoughts and ideas and proposals on which forms the base to discussion and debate  
Young people are simply not being prepared for what the world needs, or for them to be able to achieve the success and enjoyment that is available
- There is a common belief among educationist , that knowledge is not power it is potential power. We got paid for what we do with what we know, not just for what we know.
- Formal education has one purpose only to get people their first job.
- “Whatever your profession and your goals in life is, the better you can communicate, the more you will achieve”.

**By,  
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## BRAIN TEASING PUZZLES

FILL IN THE BLANK CELLS TO SOLVE THE PUZZLE!

1.Memory is divided in to many numerically addressed.

	O		A		I		N	
--	---	--	---	--	---	--	---	--

2.Modern computer processes?

			A	R	Y	N					R	S
--	--	--	---	---	---	---	--	--	--	--	---	---

3.A Combination of 16-bits could be called.

			O				D	
--	--	--	---	--	--	--	---	--

4.A Program, which is used to damage other programs, is called as.

			I				U			S
--	--	--	---	--	--	--	---	--	--	---

5. Main memory of a computer is called as.

	R		M	A		Y	M			O		Y
--	---	--	---	---	--	---	---	--	--	---	--	---

6.The second generation computer made up of.

	R	A	N	S		S		O		S
--	---	---	---	---	--	---	--	---	--	---

7.A data file is collection of.

	E		C				D		S
--	---	--	---	--	--	--	---	--	---

8.laser printer is a.

	A		E		R	I		T		R
--	---	--	---	--	---	---	--	---	--	---

9.Which of the following is a worldwide network?

			T		E		R		N		
--	--	--	---	--	---	--	---	--	---	--	--

10.Which of the following is not a scientific language?

			O				O		
--	--	--	---	--	--	--	---	--	--

11.The heart of a digital computer is.

	O	N		R	O	L			I	T
--	---	---	--	---	---	---	--	--	---	---

12.Which of the following is a sequential access memory device?

	A	G	N		T				A	P	E
--	---	---	---	--	---	--	--	--	---	---	---

13.Which is the networking software?

N			T		W		A			
---	--	--	---	--	---	--	---	--	--	--

14.The software used to convert high level language to machine language is.

	O			P				E		R
--	---	--	--	---	--	--	--	---	--	---

15. Which one is called middle level language?

	S	S					Y	L	A				A		E
--	---	---	--	--	--	--	---	---	---	--	--	--	---	--	---

16.Multimedia-computer system uses.

	I		E	O		U		I	O	A	N	D		E	X	
--	---	--	---	---	--	---	--	---	---	---	---	---	--	---	---	--

17.DTP software is.

	E		N					R		A
--	---	--	---	--	--	--	--	---	--	---

18.A software for managing database is.

	Y				A			E
--	---	--	--	--	---	--	--	---

19.a microprocessor with on chip co-processor is.

	E		N				U		M
--	---	--	---	--	--	--	---	--	---

20.The basic technology used in CD ROM's is.

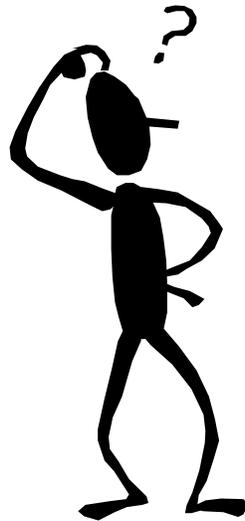
	P		T			C		S
--	---	--	---	--	--	---	--	---

Answers @ P.NO-28

**V R Prabhakaran ,  
III – B.C.A.**

## SAY ONE! MEAN ONE

It says : "press any key"  
It means : "press any key you like but I am not moving"  
It says : "press a key. "(This is a programmers jokes. nothing happens unless you Press the 'A' key)"  
It says : "False error. Please contact technical support quoting error no. 1A4-2546512430E".  
It means : "...where you will be kept on hold for 10 minutes, only to be told that is a hardware problem."  
It says : "Installing problem to c: <Directory>...".  
It means : "...and I will also be writing a few files into c: \windows and C:\windows\system where you will NEVER find them".  
It says : "Please insert disk".  
It means : "because I know darn well there are only 10 disks".  
It says : "cannot read from derive D:".  
It means : "... However if you put CD in right side up...".  
It says : "please wait".  
It means : "...indefinitely".  
It says : "Directory doesn't exist...".  
It means : "...any more . Whoops".  
It says : "the application caused an error choose ignore or close".  
It means : "makes no difference to me, you ' re still not getting ur work back".



*By,*  
**T.Suresh,**  
**II - B.C.A.**

## கம்ப்யூட்டர் ஆளவந்தான்

Hardware பாதி Software பாதி

கலந்து செய்த கம்ப்யூட்டர் நான்

உள்ளே Hardware வெளியே Software

விளங்க முடியா System நான்

Hardware கொண்டு Hardware கொண்டு

Software வளர்க்கப் பார்க்கின்றேன் ஆனால்...

Software கொண்டு Program – ஐத்தின்று

Hardware மட்டும் வளர்கிறதே

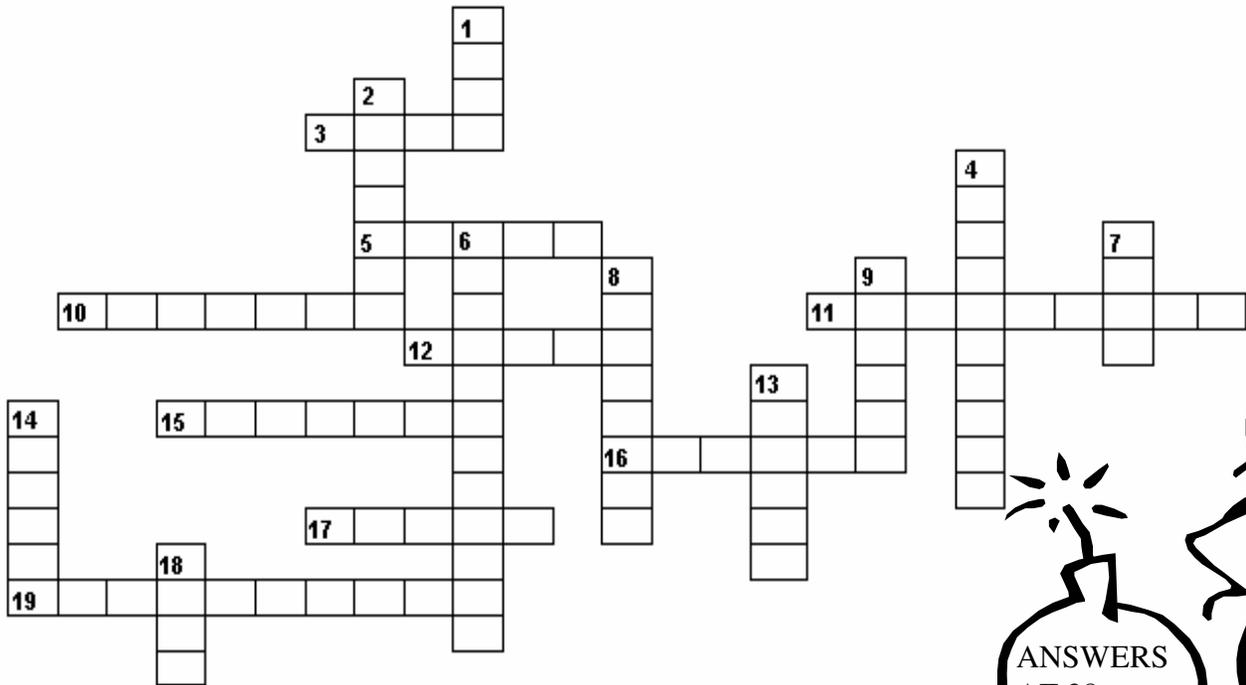
*J. Mohammed wasim,  
II B.Sc. Cs “A”.*

## SPECIAL CHARACTER REPLACEMENTS

CHARACTER	DESCRIPTION	REPLACEMENT
+	Indicate space	%20
/	Separate directories and sub-directories	%2f
?	Indicates the parameter the URL follow	%3f
%	Specifies special character	%25
#	Indicates Bookmarkers	%23
&	Separator the parameters specified in the URL	%26

*Jahir Husian,  
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## CROSSWORD:



### Crossword Clues:

<b>Across:</b>	<b>Down:</b>
<p>3. Protects specific area from modification.</p> <p>5. Program used to scan image.</p> <p>10. Image composed of two colors.</p> <p>11. Used to approximate a color when required color is not available.</p> <p>12. Basic unit of programmable color.</p> <p>15. Cannot be represented by classical geometry.</p> <p>16. Device or region within a display that renders the image.</p> <p>17. Compression type.</p> <p>19. Number of pixels expressed in terms of horizontal and vertical axis.</p>	<p>1. Cyan, magenta, yellow, black.</p> <p>2. Set of colors.</p> <p>4. Fading out edge of image.</p> <p>6. Gets rid of jagged edge, or stair-step effect.</p> <p>7. _____ art.</p> <p>8. Three-dimensional image created with photographic projection.</p> <p>9. Any effect (such as sharpen or distort) applied to image.</p> <p>13. Defines display space and pixel color.</p> <p>14. Type of file that describes an image in a series of commands.</p> <p>18. Set of text characters in a specific style and size.</p>

**N.Prabhu & A.Dharmaraj,  
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## SMTP COMMANDS

COMMAND	DESCRIPTIONS
EXPN	Expands a mailing list
NOOP	Do nothing
VERFY	Verify an email address
RSET	About current transaction
RCPT TO	Indicates a single recipient for email
HELLO	Identifies sender via host name or IP address

*M.A.S.KavinIlammurugu,  
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## BASIC COMMANDS FOR JAVADOC TO GENERATE HTML DOCUMENTATION

COMMAND	MEANING
@author	The author's Name.
@param	Identifies a method's parameters.
@return	Specifies a method's return value.
@version	The Version number.
@see	Refer to another Item.

**By,**  
*Kumar M. Karthik,*  
*II - B.C.A.*

## **POCKET COMPUTER**

Ever wanted a tiny computer you could slip into your pocket and carry around everywhere? Well, your dream may just have come true. Spider, the world's smallest single-board computer (SBC) measuring 7.11 cm \* 4.82 cm, has been launched recently. Spider, from general micro-systems, comes in two versions- a low –power version (the p501) based on IBM's 400 MHz 440 GP and a high performance version ph02 () based on IBM's 800 MHz Power PC 440G. Both versions have two Ethernet parts that made them connect easily to other spider modules, external packet switches and other systems equipped with Ethernet ports. The two modules come with 256KB of L2 cache, up to 256MB DDR SDRAM, 16 MB of boot/user flash, and 32 KB of user ID flash. They also provide two serial ports, an 12 C port, a real time clock (with field replacement battery), and 32-bit device-bus with DMA that enables designers to add their own custom I/O without a PCI interface.

The design and size of the product makes it ideal for distributed control applications like factory automation, process control and in-flight entertainment. It is also ideal for building highly modular telecom server blades. Spider's self-booting capability enables it to function as a standalone SBC, making it ideal for handled as well as embedded applications, such as engine control and missile guidance. Because the spider modules are equipped with there own processor memory, real-time clock and power source there is no single point of failure.

**By,**  
***G. Bhuvaneswari,***  
***III B.C.A.***

## FREQUENTLY VISITED WEBSITES

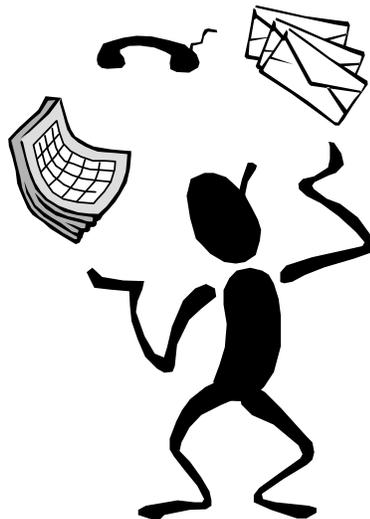
<b>Sitenames</b>	<b>Usage.</b>
www. Techsupportguy. Com	– help in technical support.
www. Pcret-online. Com	– online help.
www. Sparknotes. Com	– we can took notes for studying.
www. Goodschoools. Net	– good schools in India.
www. Tipsdv. Com	– study tips.
www. 24hoursupport. Com	– doubts cleared in 24 hours.
www. Allexperts. Com	– doubts from all experts.
www. Studyinfo. Com	– study information.
www. Shadowness. Com	– study search.
www. Tamilvu. Com	– Tamil studies.
www. Designinyou. Com	– brings out the designing capacity in our mind.
www. Scianswers. Com	– answers for scientific questions.
www. Howstuffworks. Com	– we know about how stuffs are working.
www. Infophil. Com	– information about philosophy.
www. Askjeeves. Com	– our questions are answered.
www. Swishzone. Com	– about swish software.
www. Ideaworks3d. Com	– ideas for 3d animations.
www. Ultrabrowser. Com	– to change our Internet browser as ultra browser.
www. Whatis. Com	– answers are obtained for “what is?” questions.
www. Askmen. Com	– our questions are answered.
www. Ask. Com	– we can ask questions and get answers.
www. UPSC. Net	– for Union Public Service Commission.
www. Winsupersite. Com	– windows information.
www. Foreignword. Com	– foreign languages.
www. Freetranslation. Com	– we can get our text translated.
www. Translaweb. Com	– also for translation.
www. Systransoft. Com	– information about system software.
www. Vocabulary. Com	– improves our vocabulary.
www. Cobolportal. Com	– site for Cobol.
www. About. Com	– we can know all the thing.
www. Tranexp. Com	– translations.
www. Thozhilulagam. Com	– student’s career site.
www. Indiaedu. Com	– India educational site.
www. Egrucool. Com	– electronic guruculam for students.
www. Modemhelp. Com	– we can get information about modem.
www. Pcpitshop. Com	– good for personal computer maintenance.
www. Tnhealth. Com	– health studies.
www. Via. Com	– shows the ways for studies.
www. Freecomputershelp. Com	– help concerned with computers.
www. Collegesintamilnadu. Com	– information about the colleges in Tamilnadu.

## SHORTCUT KEYS

<b>Window Menu</b>	<b>Shortcut Keys</b>
Tool bar	<Ctrl + Shift + Alt +B>
Tool Palette	<Ctrl + 7>
Property Inspector	<Ctrl + Alt + S>
Test Inspector	<Ctrl + T>
Stage	<Ctrl + 1>
Control Panel	<Ctrl + 2>
Maskers	<Ctrl + Shift + M>
Store	<Ctrl + 4>
Cast	<Ctrl + 3>
Paint	<Ctrl + 5>
Vector Shape	<Ctrl + Shift + V>
Text	<Ctrl + 6>
Field	<Ctrl + 8>
Color Plastics	<Ctrl + Alt + 7>
Video	<Ctrl + 9>
Script	<Ctrl + 0>
Message	<Ctrl + M>
Debugger	<Ctrl + ‘>
Behavior Inspector	<Ctrl + Alt + ;>
Katcher	<Ctrl + Shift + ‘>
CONTROL MENU	
Play	<Ctrl + Alt + P>
Stop	<Ctrl + Alt + . >
Rewind	<Ctrl + Alt + R>
Step Backward	<Ctrl + Alt + Left Arrow>
Step Forward	<Ctrl + Alt + Right Arrow>

Loop Playback	<Ctrl + Alt + L>
Volume : Mute	<Ctrl + Alt + M>
Toggle Breakpoint	<F9>
Klatch Expression	<Shift F9>
Ignore Breakpoints	<Alt + F9>
Step Script	<F10>
Step Into Script	<F8>
Run Script	<F5>
Recompile All Scripts	<Ctrl + Shift + Alt + C>
Key Frame	<Ctrl + Alt + K>
Frames	<Ctrl + Shift + ]>
Insert 1 Frame	<Ctrl + ]>
Remove Frame	<Ctrl + [>

*By,*  
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*Final-B.C.A.*



## **SOUND CARDS**

A sound card is an additional piece of computing technology that one can add to your main machine(computer).These cards are printed circuit boards that can be plugged into the main processing board of the computer. Sound cards allow the computer to process sound signals more quickly and efficiently than the main part of the computer.

If one intends to use the internet for any work that will involve sound, such as listening to far-flung radio stations, sending voice messages, using the internet as a replacement telephone, one needs a sound card. The sound cards help to get back “the sound effect s using the speakers attached to the system.

*By,  
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## **A FEW ANONYMOUS FTP TIPS**

Some FTP servers limit the number of anonymous users or the times of day that anonymous tip is followed. You may be refused access, but don't grip about it – no law says that the owner of the system has to provide any access at all.

Don't store (upload) files on the FTP server unless the owner invites you to do so. A directory called INCOMING or something similar is sometimes available in which you can put off. Some FTP servers allow anonymous FTP only from host computers that have names. That is, if you try to FTP anonymously from host that has a number but no name, these hosts don't let you in. This problem occurs most often with Internet dial-up accounts, which, because they generally offer no services that are useful to other people, don't always have names unassigned. If you have this problem, complain to your provider, who can fix it easily.

*By,  
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## **CARRIER ++**

### Few tips to get through a group discussion

1. Be smart, neatly dressed, cheerful, and confident. Show interest in what is going on. Look at the person speaking to you or the one you are speaking to. Do not show any way that you are conscious of yourself or under any strain.
2. Listen to the speaker with keenness, interest, concentration and enthusiasm, and try to grasp the points of what is being said.
3. Take initiative, if someone else has already taken the step in at the right moment. Never flaunt your knowledge or interrupt when another candidate is speaking, seize, draw the attention of others to your point of view.
4. In case an interruption is necessary, do so gently.
5. Modulate your tone. Do not be too loud or too soft. Speak naturally. Do not rush your words. Speak to get the attention of the listeners.
6. Think and organize your ideas. What you say must be clear, relevant, logical and informative. You will get plenty of ideas if you listen to the other speakers. Build up your own perspectives on the basis of what others have already said. You can use their ideas to your advantage.
7. Be ready to admit your mistakes. Don't react, shout, or bully others.
8. Be helpful, accommodative and cooperative. If a candidate has not spoken, encourage him and request the other participants to give him a patient hearing.
9. Never try to bluff. If you do not know something accept it and ask others questions about your knowledge to points.
10. Don't indulge in unnecessary talk nor encourage it.

11. Practice group discussion with friends on different subjects. Expand your knowledge. Learn and improve the qualities to win over the members of the group. Mould yourself as a worthy leader.
12. It is not at all necessary to be the first speaker. It is a misconception that whoever speaks first will be the leader. The leader will initiate the discussion if no one else does so. His knowledge and effective style and impressive communication skills can distinguish the leader. The leader listens as much he speaks and ensures that everyone gets a chance to speak.
13. Remember speech is a powerful weapon. If ideas can be put forward in an effective manner, minor deficiencies can be overlooked.
14. Consistency of opinion is an important attribute for group discussion.
15. A change in stand not only reflects a lack of confidence, it also shows a lack of maturity and integrity. You must stick to your point of view and display strength and conviction to on to it.

-Editorial Release

## **TECHNOLOGY WISE**

- “For a list of all the ways technology has failed to improve the quality of life, Please press three.”  
-Alice Kahn
- Any sufficiently advanced technology is indistinguishable from magic.”  
-Arthur c. Clarke
- “Humanity is acquiring all the right technology for all the wrong reasons.”  
-R.Buckminster Fuller
- “For a successful technology, reality must take precedence over public relations, for nature cannot be fooled.”  
-Richard Feynman
- “Technology is a way of organising the universe so that man doesn’t have to experience it.”  
-Max Frisch

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## TOP 10 COMPUTER MAKERS

COMPANY	COUNTRY	ANNUAL SALES (US \$)
IBM	US	88,396,000,000
HIWLETT-PACKARD	US	48,782,000,000
FUJIT SU	JAPAN	47,196,000,000
COMPAQ COMPUTER	US	42,383,000,000
BELL COMPUTER	US	31,888,000,000
CANON	JAPAN	23,062,000,000
XEROX	US	18,632,000,000
SUN MICRO SYSTEM	US	15,721,000,000
RICOH	JAPAN	12,997,000,000
GATEWAY	US	9,601,000,000

*By,  
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## TOP 20

COMPANY	GROWTH RATE
TCS	AVERAGE
WIPRO	ABOVE AVERAGE
HP	AVERAGE
IBM	AVERAGE
SATYAM	AVERAGE
HCL TECH	AVERAGE
TECH PACIFIC	AVERAGE
INTEL INDIA	ABOVE AVERAGE
REDINGTON	AVERAGE
HCL INSYS	AVERAGE
SAMSUNG	ABOVE AVERAGE
INGRAM MICRO	AVERAGE
CISCO SYSTEMS	AVERAGE
MOSER BAER	VERY HIGH
PATNI COMPUTER	ABOVE AVERAGE
MICROSOFT	AVERAGE
NIIT	DECLINED
MAHINDRA BT	AVERAGE
MICROSOFT	AVERAGE

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## Cricket V/s Practical Exam

Pitch	Computer Lab
The Umpire	External Examiner
A Batsman	The student
The Bowler	The paper setter
Runs made by batsman	Marks Received
Score board	Mark list
Fast bowling	Difficult program
Good bowling	Easy program
Good fielding	Strict Correction
Century	Outstanding
Caught out	Case of cheating
Clean bowled	Blank answer paper
Run out	Who can't run the program
Man of the match	Who run the program

### “C Bytes”

“If Life is like a switch  
You should not be a default”

**By,  
L.Manjula,  
II-BCA.**



## **ANSWERS:**

### **BRAN TEASING PUZZLE**

1. Locations
2. Binary numbers
3. Word
4. Vioues
5. Primary memory
6. Transistors
7. Records
8. Page printer
9. Internet
10. COBOL
11. Control unit
12. Magnetic tape
13. NetWare
14. Compiler
15. Assembly language
16. Video, audio, and text
17. Ventura
18. Sybase
19. Pentium
20. Optics

### **Crossword Answers:**

#### **Across**

3. mask
5. TWAIN
10. duotone
11. dithering
12. pixel
15. fractal
16. raster
17. lossy
19. resolution

#### **Down**

1. CMYK
2. palette
4. feathering
6. antialiasing
7. clipart
8. hologram
9. filter
13. bitmap
14. vector
18. font