CPU-Multiple Choice Questions

1.	Which of the following will you find on an inkjet printer? (A) It has an ink ribbon. **(B) It has an ink cartridge**. (C) It has high voltage power supply. (D) It uses toner powder.
2.	Why is it important to keep Windows updated using the Windows update website or automatic updates? **(A)To keep your system secure and to install critical updates.** (B)To keep your system fast. (C)To keep your system optimized for the new game. (D)To keep your system from overheating.
3.	Which protocol used to display web pages? (A) SNMP (B) SMPT (C) Telnet **(D) HTTP**
4.	In Microsoft Excel you can use the horizontal and vertical scroll bar to (A) Split a worksheet to two panes (B) Edit the contents of a cell **(C)View different rows and columns** (D) View different worksheet
5.	The system unit of a personal Computers typically contains all of the following except: (A) Microprocessors (B)Disk controller (C) Serial interface **(D) Modem.**
6.	Which of the following is a read only memory storage device? (A) Floppy Disc **(B) CD-ROM** (C) Hard Disk (D)None of these
7.	BIOS is an abbreviation of **(A) Basic Input Output System** (B) Best Input Output System (C)Basic Input Output Symbol (D) Base Input Output System
8.	A Pointer is? (A) A keyword used to create variables. (B) A variable that stores address of an instruction. **(C) A variable that stores address of other variable.** **(D) All of above.**
9.	Which of the following function is more appropriate for reading in a multiword string? (A) printf(); (B) scanf(); **(C) gets();** (D) puts();
10.	What are the different types of real data types in C? **(A) float, double.** (B) short int, double, long int. (C) double, long int, float (D) float, double, long double
11.	What do you call the translator which takes assembly language program as input and produce machine language code as output? (A) Compiler (B) Interpreter (C) Debugger **(D) Assembler**
12.	Which of the following is a symbol for AND operator? (A) II **(B) &** (C) && (D) $$
13.	Which of the following is a correct statement? (A) Variable name must start with underscore (B) Variable name must have digit (C) Variable name must have white space character **(D) Keyword cannot be a variable name**

14.	What will be the output of following code.
	main()
	{
	int x = 10, y=15;
	x = x++;
	y = ++y;
	printf("%d, %d \n" , x, y);
	}
	(A) 10, 15 **(B) 10, 16** (C) 11, 16 (D) 11, 15

15.	Software required to run the hardware is known as (a) Task Manager (b) Task Bar (c) Program Manager **(d) Device Driver**
16.	Which the following is application software? (a) Compiler **(b) Power Point** (c) Debugger (d) None of the above
17.	Which of the programming language is said to be machine independent language? **(a) High Level Language** (b) Machine Language (c) Assembly Language (d) All the Above
18.	What will be a meaning of 1KB of memory (a) 1 Kit Bit **(b) 1 Kilo Byte** (c) 1 Kernel Boot (d) 1 Key Block
19.	Which of the following is smallest Network? (a) MAN **(b) LAN** (c) WAN
20.	FTP stands for (a) File Transport Protocol **(b) File Transfer Protocol** (c) Folder Transfer Protocol
21.	When a key is pressed on keyboard, which standard is used for converting the keystroke into the corresponding bits (a) ANSI **(b) ASCII** (c) EBCDIC (d) ISO
22.	Which one is input device? (a) Monitor **(b) Keyboard** (c) CPU (d) Printer
23.	Which part of CPU perform calculations and make decision (a) Alternate Logic Unit (c) Arithmetic Local Unit **(b) Arithmetic Logic Unit** (d) Alternate Local Unit
24.	RAM stands for **(a) Random Access Memory** (c) Read Access Memory (b) Random Automatic Memory (d) Read Automatic Memory
25.	The memory capacity of a computer is represented in (a) Kilobits **(b) Kilobytes** (c) Memory chips (d) None of the above
26.	HTML is used to design **(a) Webpage** (b) Website (c) Multimedia Objects (d) Tables and frames
27.	What type of memory is volatile? (a) Cache **(b) RAM** (c) ROM (d) Hard Drive
28.	With regards to Email Addresses: (a) They must always contain an @ symbol (b) They are case sensitive (c) They can never contain space **(d) All of above**

29.	Structure can contain elements of the same data type (a) true **(b) false**
30.	Which of the following operator is used to select a member of a structure variable **(a) .(dot)** (b) ,(comma) (c) : (colon) (d) ;(semicolon)
31.	C is a ___ language (a) High Level (b) Low Level **(c) Middle Level** (d) Machine Level
32.	
33.	A declaration float a,b; occupies _____of memory ? (a) 1 bytes (b) 4bytes **(c) 8byte** (d) 16 bytes
34.	Which function reallocates memory? **(a) realloc** (b) calloc (c) malloc (d) None of these
35.	Which of the following is used as a string termination character? (a) 0 **(b) \0** (c) /0 (d) None of these
36.	File manipulation functions in C are available in which header file? (a) streams.h **(b) stdio.h** (c) stdlib.h (d) files.h
37.	Which protocol is used to transfer files on internet (a) HTTP **(b) FTP** (c) SMPT (d)Telnet
38.	Which one is an input device? (a) Monitor (b) Printer **(c) Mouse** (d) Plotter
39.	Which the following is an application software? (a) Compiler **(b) MS Word** (c) Assembler (d) Interpreter
40.	What is the value of expression 4/9 in C? (a) 1 **(b) 0** (c) 0.444 (d) Error
41.	To round off x, which is a float, to an int value, which one is correct? **(a) y = (int)(x+0.5);** (b) y = int(x+0.5); (c) y = (int)x+0.5; (d) y = (int)((int)x+0.5);
42.	What is the output of following C code? *int k;* *for(k=1;k>=10;k++);* *printf("Hello");* (a) prints "Hello" 10 times (b) prints nothing (c) prints "Hello" infinite times **(d) prints "Hello" 1 time**
43.	What is the output of 16>>2? **(a) 4** (b) 32 (c) 8 (d) 64
44.	Which one is the correct syntax of for loop? (a) for(initialization,condition,increment/decrement) **(b) for(initialization;condition;increment/decrement)** (c) for(condition,condition,increment/decrement) (d) for(condition;initialization;increment/decrement)
45.	Which function should be used to release allocated memory which is not needed? (a) dealloc( ) **(b) free ( )** (c) release ( ) (d) unalloc ( )
46.	What is the output of following code:

	void main()
	{
	enum day{Mon,Tues,Wed,Thu,Fri,Sat,Sun};
	printf("%d",Fri);
	getch();
	}
	(a) 5 (b) Error **(c) 4** (d) Fri

47.	What is the output of following C code?
	int main()
	{
	*int *ptr, a = 10;*
	ptr = &a;
	*ptr += 1;
	printf("%d,%d/n", *ptr, a);
	}
	(a) 10,10 (b) 10,11 (c) 11,10 **(d) 11,11**

48.	Break statement is used for (a) Quit a program (b) Quit the current iteration (c) Both a and b **(d) None of the above**
49.	Which function is used to put the file pointer at the desired location in the file? **(a) fseek( )** (b) rewind( ) (c) ftell( ) (d) fptr( )
50.	Which data type allows storage of same data type? **(a) Array** (b) Union (c) Void (d) both a and b
51.	Which one of the following is known as the 'language of the computer'? (a) Programming language. (b) High-level language. **(c) Machine language.** (d) Assembly language.
52.	Any C program **(a) Must contain at least one function**. (b) Need not contain any function. (c) Needs input data. (d) None of the above.
53.	In flowchart for what purpose ◊ symbol is used? (a) processing **(b) condition** (c) data flow (d) input/output.
54.	Which is a correct 'C' expression? **(a) z = (x+y);** (b) z = [x+y]; (c) z = {x+y}; (d) z = {(x+y)};
55.	If we want to increment the value of sum by 1. Which of following should be used? (a) sum++; (b) sum = sum+1; (c) sum+ = 1; **(d) all of above**.
56.	Continue statement (a) Breaks loop and goes to next statement after loop. (**b) does not break loop but starts new iteration.** (c) exits the program. (d) Starts from beginning of program.
57.	Which of following is not a valid assignment expression? (a) y = 22 ; (b) s = x; (c) y % = 6; **(d) z = 5 = 3;**

58.	What should be written in the program to get newline on the screen?
	(a) printf("\n"); (b) echo "\\n"; (c) printf('\n'); (d) printf(" \\n ");
59.	In which of the following the loop is executed at least once?
	(a) while (**b) do – while** (c) for (d) if
60.	How many times following loop will be executed.
	main()
	{ int i = 32766;
	while (i<= 32767)
	{ printf("%d\n",i);
	i = i+ 1; }
	}
	(a) 2 times. (b) 1 times. (c) infinite times. (d) loop will not be executed.
61.	File manipulation functions in C are available in which header file?
	(a) streams.h (b) stdio.h **(c) stdlib.h** (d) files.h
62.	A pointer value refers to
	(a) A float value. (b) An integer constant. **(c) Any valid address in memory**. (d) None.
63.	Structure can contain elements of the same data type.
	(a) true **(b) false**
64.	Which function reallocates memory?
	(a) realloc (b) calloc (c) malloc (d) None of these
65.	Which function reallocates memory?
	(a) realloc (b) calloc (c) malloc (d) None of these
66.	How to write E_mail Address ?
	(a) xyz@website.info (b) xyz@website@info (c)xyz.website.info (d)xyzwebsite.info
67.	What will be a meaning of 1KB of memory
	(a) 1 Kit Bit **(b) 1 Kilo Byte** (c) 1 Kernel Boot (d) 1 Key Block
68.	Full Form of RAM?
	(a) Random Access Memory (b) Ready Application Module
	(c) Remote Access Machine (d) Read Access Memory
69.	What is Computer Virus?
	(a) Software (b) Hardware (c) a and b (d) None of above
70.	Full form of IP?
	(a) Internet Principle (b) Intercom Protocol (c) Intranet Protocol **(d) Internet Protocol**
71.	What will be extension of Web Page's file ?
	(a) .xls (b) .3gp **(c) .html** (d) .ppt
72.	Which of following loop is executed at least once?
	(a) do-while (b) for (c) if (d) while
73.	What will be printed if we type the statement printf("%d\n",'d');
	(a) 0 **(b) 100** (c) error (d) d
74.	C is a _____ language.
	(a) High level (**b) Middle level** (c) Machine level (d) Low level
75.	Which header file is essential for using printf() function ?
	(a) text.h (b) strings.h **(c) stdio.h** (d) strcmp.h

76.	Which among the following is a unconditional control structure. **(a) goto** (b) for (c) do-while (d) if-else
77.	A pointer value refers to (a) A float value (b) An integer constant **(c) Any valid address in memory** (d) None
78.	Recursion is a process in which a function calls **(a) itself** (b) another function (c) main() function (d) none of the above
79.	Which of the following is ternary operator? (a) ?? **(b):?** (c) ?: (d) ::
80.	Which header file is essential for using scanf() function? (a) ctype.h (b) string.h (c) conio.h **(d) stdio.h**
81.	declaration float sum, value; occupies _____ of memory? (a) 2 byte (b) 4 byte (c) 6 byte **(d) 8 byte**
82.	Array index start at (a) 1 (b) User Defined **(c) 0** (d) None of above
83.	When function calls itself, it is known as _____. **(a) Recursion** (b) exit control loop (c) Nested loop (d) user defined function
84.	Default value of global variable is **(a) 0** (b) 1 (c) Garbage value (d) Depend on data type
85.	When fopen() fails to open a file it returns (a) NULL (b) 1 **(c) -1** (d) None of above
86.	Default value of local variable is (a) 0 (b) 1 **(c) Garbage value** (d) Depend on data type
87.	ASCII value of 'A' is _____. (a) 55 **(b) 65** (c) 75 (d) 85
88.	MACRO is used to _____. (a) Save memory (b) fast execution **(c) Both a & b** (d) none of above
89.	Every string is terminated by NULL character. How it is represented? **(a) '\0'** (b) NULL (c) both a and b (d) None of above
90.	Which are not looping structures? (a) For loop (b) While loop (c) Do...while loop **(d) if…else**
91.	If ptr is a pointer to int, having value ptr=100. After ptr++, what is the value of ptr? (a) 100 (b) 101 **(c) 102** (d) 103

92.	How many times the following code prints the string "hello"
	for(i=1;i<=50;i++);
	printf("Hello");
	(a) 1 (b) 50 (c) Zero (d) None of them

93.	Which of the following is a part of primary memory of computer **(a) PROM** (b) Pen-drive (c) CD-ROM (d) Floppy Disk
94.	Which protocol is used to transfer files on internet **(a) HTTP** (b)FTP (c) SMPT (d)Telnet
95.	Microprocessor of computer system is a part of :- (a) Memory (b)Output Device (c) Input Device **(d) Processing Unit**

96.	Which is not a font style in MS-Word (a) Bold (b) italic **(c) Superscript** (d) Regular
97.	With which of the following all formulas in excel starts? (a) / (b) $ (c) * **(d) =**
98.	Which of the following is not one of PowerPoint view? (a) Slide show view (b) Presentation view (c) Slide view (d) Outline view
99.	In the evaluation of a computer language, all of the following characteristics should be considered except? (a) application oriented features (b) readability (c) efficiency **(d) hardware maintenance costs**
100.	Keyboard is the type of device **(a) Input** (b) Pointing (c) Output (d) Sound
101.	A document or image can be scanned in to digital form by using (a) Marker (b) Printer (c) Light pen **(d) Scanner**
102.	ALU is (a) Array Logic Unit (b) Application Logic Unit **(c) Arithmetic Logic Unit** (d) None of these
103.	HTML stands for (a) Hyper Text Makeup Language (**b) Hyper Text Markup Language** (c) Hyper Tech Markup Language (d) None of these
104.	Operating system is installed on **(a) Hard Disk** (b) Cache memory (c) Mother Board (d) None of these
105.	Recycle bin is used for (a) To store backup file (**b) To restore deleted file / folder** (c) To store most frequently (d) All the above
106.	The process a user goes through to begin a computer system. (a) Log out (**b) Log in** (c) Log off (d) None of these
107.	The first expression in a for… loop is (a) Step value of loop (b) Condition statement **(c) Value of the counter variable** (d) None
108.	Continue statement used for (a) To continue to the next line of code (**b) To stop the current iteration and begin the next iteration from the beginning** (c) To handle run time error (d) None of above

109.	What will be the output of following program
	#include
	main()
	{int x,y = 10;
	x = y * NULL;
	printf(\"%d\",x);
	}
	(a) error (b) 10 (c) 0 (d) garbage value

110.	D ifference between calloc() and malloc() (a) calloc() takes a single argument while malloc() needs two arguments **(b) malloc() takes a single argument while calloc() needs two arguments** (c) malloc() initializes the allocated memory to ZERO (d) calloc() initializes the allocated memory to NULL
111.	Which among following is not necessary for working of a standalone computer? (a) RAM (b) Operating System (c) Hard Drive **(d) LAN card**
112.	What is algorithm? (a)Application code (c) None of above (b)Type of programming language **(d) Step by step procedure for calculations**
113.	printf() belongs to which library of c (a) stdlib.h (b) stdout.h **(c) stdio.h** (d) stdoutput.h
114.	In flowchart for what purpose ◊ symbol is used? (a) Processing. **(b) Condition.** (c) Data flow. (d) input/output.
115.	Continue statement (a) Breaks loop and goes to next statement after loop. **(b) Does not break loop but starts new iteration.** (c) Exits the program. (d) Starts from beginning of program.
116.	Which of the following loop is executed at least once (a) for loop (b) while loop **(c) do while loop** (d) None of the above
117.	ASCII value of 'a' is **(a)97** (b)65 (c)47 (d) None of the above
118.	A float requires _____bytes in memory (a)2 bytes (b)1 byte (c)8 bytes **(d)4 bytes**
119.	The format string to accept a string is (a)%c (b)%d (c)%f **(d)%s**
120.	Which header file is necessary for strlen() function? (a)conio.h **(b)strings.h** (c)string.h (d)stdio.h
121.	When a key is pressed on keyboard, which standard is used for converting the keystroke into the corresponding bits (a) ANSI **(b) ASCII** (c) EBCDIC (d) ISO
122.	Which of the following is used as a string termination character? (a) 0 (b) \0 (c) /0 (d) **None of these**
123.	Which of the following operator is used to select a member of a structure variable **(a) .(dot)** (b) ,(comma) (c) : (colon) (d) ;(semicolon)
124.	C is a ___ language (a) Machine Level (b) Low Level **(c) Middle Level** (d)High Level

125.	What is the output of the following code:
	void main()
	{
	int i;
	for(i=1;i<=10;i++);

	printf("%d\n",i);
	}
	(a) 10 (b) 1 to 10 **(c) 11** (d) None of the above

126.	What is the output of the following code:
	void main()
	{
	int i;
	for(i=65;i<70;i++)
	printf("%c,",i);
	}
	(a)65,66,67,68,69,70 (b)a,b,c,d,e, **(c)A,B,C,D,E,** (d)A,B,C,D,E

127.	What is the output of following code:
	void main()
	{
	int i=5;
	switch(i)
	{
	case 3: printf("three");
	case 4: printf("four");
	case 5: printf("five");
	case 6: printf("six");break;
	case 7: printf("seven");
	default: printf("default");
	}
	}
	(a)five (b) fivesixsevendefault **(c) fivesix** (d) None of the above