

UNIT - 5 CPPM MCQ

Sr. No.	Question	Option - A	Option - B	Option - C	Option - D	Correct Answer
1	What are the Types of Arrays.?	int, long, float, double	struct, enum	char	All the above.	D
2	Array index always start from	0	1	2	3	A
3	Looping through all the elements of the array is known as	Traversal	Sorting	Inserting	Deleting	A
4	Can we have different data types values in single array?	Yes	No	May be	None	B
5	Size of the array need not be specified, when	Declaration	Declaration and Initialisation	As formal parameter	Both a and b	D
6	In c language array index start with.	1	0	-1	2	B
7	What is an Array in C language.?	A group of elements of same data type.	An array contains more than one element	Array elements are stored in memory in continuous or contiguous locations.	All the above.	D
8	Array is a collection of similar type of	functions	constants	variabels	structures	C
9	A one dimensional array has one row but _____ columns	One column	N' Columns	Three	Four	B
10	Array index Starts from ____	0	1	-1	None	A
11	Syntax to initialize an array in C is?	int arr[3]={1,2,3};	int arr(3)=(1,2,3);	int arr{3}=[1,2,3];	All of above	A
12	What is the size of array for the following? int a[]={1,2,3,4,5}	5	1	2	Error	A
13	"What is the output of C Program.? int main() { int a[]; a[4] = {1,2,3,4}; printf("%d", a[0]); }"	1	2	3	Compiler Error	D
14	Bubble short is majorly used where	complexity does not matter	simple and shortcode is preferred	A and B	none of this	C
15	A multidimensional array is collection of	One dimensional array	Two dimensional array	Both one and two dimensional array	None of the above	C
16	Which of the following is correct example of array declaration?	int a[3] = {2, 3, 5};	int a[3]=2,3,5;	int a[]=2,3,5	All	A
17	Index of an array starts with?	1	0	Both a and b	None of above	B
18	Every element in an array is searched against some searching key, special for	Linear Search	Bubble Sort	Binary Search	All of the above	A

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19	"What is the output of C Program.? int main() { char grade[] = {'A','B','C'}; printf("GRADE=%c, "", *grade); printf("GRADE=%d", grade); }"	GRADE=some address of array, GRADE=A	GRADE=A, GRADE=some address of array	GRADE=A, GRADE=A	Compiler error	B
20	The selection sort algorithm sorts an array by repeatedly finding the _____ element.	minimum	maximum	middle	none of this	A
21	A string is array of _____	Integers	Float	Double	Character	D
22	Array always stored in _____ memory.	Sequential	Random	Sequential and Random	None	A
23	Data types of the array include?	Int	Float	Character	All of above	D
24	A one dimensional array is always considered as _____?	Sequential	Linear	Complex	both A and B	D
25	Array is an example of _____ type memory allocation.	Compile time	Run time	Both A and B	None of the above	A
26	linear search is also known as _____	b2b search	binary search	sequential search	none of this	C
27	The counter of the array can be used to access the elements of the array using _____	arrayname[counter]	arrayname(counter)	arrayname{counter}	arrayname	A
28	Which of the following is correct way to declare string?	char str[] = "FYBCA";	char str[50] = "FYBCA";	char str[] = {'F','Y','B','C','A','\0'};	All of the Above	D
29	What is the index of the last element having 10 elements?	10	9	0	1	B
30	Index number of the last element of an array having 15 elements is _____	15	13	14	-14	C
31	Traversal means _____ each element in the array.	Processing	Insertion	Deletion	Searching	A
32	Character Single dimensional Array is terminated by _____.	;	/	\0	:	C
33	The algorithm which searches for the smallest/largest value and replaces it with the value at respective position is _____	Bubble sort	Selection sort	Insertion sort	Merge sort	B
34	A variable that points to the storage/memory address of another variable is known as _____	Array	Pointer	Address	Variable	B

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35	What is the base data type of a pointer variable by which the memory would be allocated to it?	Int	Float	Unsigned int	Character	C
36	What will strcmp() function do?	compares the first n characters of the object	undefined function	copies the string	compares the string	D
37	A pointer is _____.	address of a variable.	an indicator of the variable to be accessed next.	a variable for storing addresses.	none of the above.	C
38	following function concatenate 2 strings	strcpy	strcat	strlen	strcmp	B
39	Every string is terminated by _____ character	0	\t	\0 or NULL	n	C
40	What is the base data type of a pointer variable by which the memory would be allocated to it?	int	float	char	unsigned int	D
41	Prior to using a pointer variable it should be	Declared	Initialised	Both declared and initialised	None of above	C
42	Which function is used to get multiple world in c?	getc()	gets()	input()	None of the above	B
43	Which is the correct way to define a pointer?	int _ptr x;	int *ptr;	*int ptr;	*x;	B
44	To copy a string _____ is used.	strrev	strlen	strcmp	strcpy	D
45	A pointer of type _____ is capable of holding any data type's variable	integer	string	double	void	D
46	In C a pointer variable to an integer can be created by the declaration.	int p*;	int *p;	int +p;	int \$p;	B
47	In C a pointer variable to an integer can be created by the decalaration	Int *p;	int p*;	int p+;	int &p;	A
48	A pointer is a	variable that stores address of an instruction of these	variable that stores address of other variable	keyword used to create variables	None	B

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49	"char *s; What does above declaration means?"	no space is allocated for storage of characters during compile time.	only one character is allocated.	both (a) & (b)	none of the above.	A
50	A pointer is a variable whose value is the _____ of another variable	address	value	data type	size	A
51	When the indirection operator is used twice it means the pointer is _____	pointer to pointer	pointer to integer	pointer to char	pointer to string	A
52	Linear Search is also known as _____	Binary Search	Sequential Search	Bubble Sort	None	B
53	In order to fetch the address of the variable we write preceding _____ sign before variable name.	Ampersand(&)	Asterisk(*)	Percent(%)	Comma (,)	A
54	In order to fetch the address of the variable we write preceding _____ sign before variable name.	%	&	,	*	B
55	A pointer to void can hold pointers of ____.	any data type	int only	float only	Both (B) & (C)	A
56	& is an _____ operator.	relational	logical	arithmetic	address	D
57	Pointer to array can be declared as	*ptr[size]	*ptr	(*ptr)[size]	*ptr()	C
58	Can We give Array index negative?	Yes	No	May be	Yes and No	B
59	A pointer is a	variable that stores address of an instruction	variable that stores address of other variable	keyword used to create variables	None of above	B
60	In character array '\0' is indicate as	End of String	Start of String	Extra Character in String	None of the above	A