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312303 - Programming In 'C' (Sem II)

As per MSBTE's K Scheme

CO / CM / IF / AI / AN / DS

Unit V		Pointers	Marks - 12	
S. N.	MSBTE Board Asked Questions	Exam Year	Marks	
1.	Define Pointer. Write syntax for pointer declaration	W-23	2M	
2.	Explain pointer arithmetic operation with example.	W-23 W-19	4M	
3.	Develop a c program to sum of all elements stored in given array using pointer	W-23 S- 23	6M	
4.	Write a program to accept two numbers from user and perform addition, subtraction, multiplication and division operations using pointers.	W-23	6M	
5.	Explain pointer with example	S-23	2M	
6.	Write a program calculate sum of all elements using structure	S-23	4M	
7.	Write a c program to demonstrate access structure members using pointers	S-23	6M	
8.	Write the meaning of '&' and '*' with respect to pointer.	W-22	2M	
9.	Write output for following programming code: #include<stdio.h> #include<conio.h> void main () { int x, y, a, b, *P1, *P2 ; x = 10 ; y = 20 ; P1 = &x ; P2 = &y ; a = *P1 * *P2+20 ; b = *P1 * *P2-20 ; print f("x=%d, y=%d", x,y) ; print f("a=%d, b=%d", a,b) ; }	W-22	4M	
10.	Write a program to find largest number from an array using pointer.	W-22	6M	
11.	Write a C program using pointer to read an array of characters and print them in reverse order	W-22	6M	
12.	State the syntax to declare a pointer variable with example.	S-22	2M	
13.	Explain meaning of following statements with reference to pointers int *a, b ; b = 20 ; *a = b ; a = &b ;	S-22	4M	

14.	Write a program to compute the sum of all elements stored in an array using pointers.	S-22	6M
15.	Write a program to perform arithmetic operations on pointer	S-22	6M
16.	State the syntax to declare pointer variable with example.	W-19	2M
17.	State four arithmetic operations perform on pointer with example.	S-19	4M
18.	Explain meaning of following statement with reference to pointers : int *a, b; b = 20; *a = b; A = &b;	S-19	4M
19.	Write a program to print reverse of a entered string using pointer.	S-19	6M
20.	Define pointer. Write syntax for pointer declaration.	W-18	2M
21.	Write the output of following c program #include<stdio.h> int main () { char *ptr; char str[]="MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION"; ptr=str; ptr=ptr+11; printf("%s",++ptr); return 0; }	W-18	4M
22.	Write a program to accept two numbers from user and perform addition, subtraction, multiplication and division operations using pointer.	W-18	6M
23.	Give any four advantages of pointer.	S-18	2M
24.	Implement a program to demonstrate concept of pointers to function.	S-18	6M

Thank You

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