

**CHOITHRAM SCHOOL MANIKBAGH INDORE**  
**CLASS XII Session : 2017-18**

SUBJECT: COMPUTER SCIENCE  
 Allotment Date: 14/07/17

ASSIGNMENT No:II  
 Submission Date : 19/07/17

Q.no.	Questions	Marks	Level
	<b>Very Short Answer Questions:</b>		
1	Define pointer?	1	Knowledge
2	Differentiate between static and dynamic memory allocation.	1	HOTS
3	What is the difference between char a[]="string" and char *p="string".	1	Logic
	<b>Short answer questions:</b>		
4	What is self-referential structure? Illustrate the use of with an example	2	Understanding
5	Find the output of the following program : main () already written. <pre>int Number[ ]={2,4,8,10}; int *ptr=Numbers; int for(c=0;c&lt;3;c++) { cout &lt;&lt;*ptr &lt;&lt;"@"; ptr++; }</pre>	2	Multiconceptual
6	What is "this" pointer? What is its significance?	2	HOTs
7	Give the output of the following program code : <pre>void main() { int array [ ] = {2,3,4,5} int *arptr = array; int value = *arptr ; cout&lt;&lt;value &lt;&lt;"\t"; value = *arptr++; cout&lt;&lt;value &lt;&lt;"\t"; value = * arptr; cout&lt;&lt;value &lt;&lt;"\t"; value = *++ arptr; cout&lt;&lt;value &lt;&lt;"\t"; }</pre>	2	Logic
	<b>Long answer questions:</b>		
8	Program to print different values being pointed to by an array of pointers.	3	Logic
9	Program to search for a given character inside a string and to print the string from the point of match.	3	HOTS
10	Program to search for a given character inside a string and to print the string from the point of match.	3	Understanding
11	Write a program to swap values of two variables using call by reference using pointers and function.	5	Multi concept
12	How do you think does DMA helps the operating system and usage of memory?	5	Value based