

Procedural Programming Lab 8**Date - 29 Nov 2017 - Viva**

1.	What will be the output?	
	<pre>main() { char str1[] = "Hello"; char str2[] = "Hello"; if (str1 == str2) printf("\n Equal"); else printf("\n Unequal"); }</pre>	Unequal
2.	What would the output of the following snippet if arr begins at address 1200?	
	<pre>main() { char a[] = "Visual C++"; printf("%d",sizeof(a)); }</pre>	11
3	Would the following program always output 'Bangalore'?	
	<pre>main() { char str1[] = "Bangalore - 440010"; char str2[10]; strncpy(str2,str1,8); printf("\n %s",str2); }</pre>	No. Because after copying the source string into the target string strncpy() doesn't terminate the target string with a '\0'.
4	What would be the output?	Mile
	printf(5 + "Fascimile");	
5	What would be the output	E
	printf("%c", "abcdefgh"[4]);	
	Identify errors in the initialization statements	
6	char word[] = {'A','R','R','A','Y'}; Null character to also be initialized	
7	What is the output	
	<pre>char str[7] = "Strings"; printf("%s",str);</pre>	Compile time error
8	Which function is used to calculate the length of a string?	strlen()
9	What will be the output?	Error out of bound
	<pre>char str[7] = "Citizen"; printf("%s", str);</pre>	
10	What is the output ?	United States
	<pre>Char str[20] = "United"; char str1[20] = "States"; printf("%s", strcpy(str1, strcat(str, str1)));</pre>	