

# NADAR SARASWATHI COLLEGE OF ENGINEERING AND TECHNOLOGY, THENI.

Course/Branch : B.E / ECE	Year / Semester : IV / VII	Format No.	NAC/TLP-07a.13
Subject Code : OCS752	Subject Name : Introduction to C Programming	Rev. No.	02
Unit No : I	Unit Name : INTRODUCTION	Date	30.09.2020

## OBJECTIVE TYPE QUESTION BANK

S. No.	Objective Questions (MCQ /True or False / Fill up with Choices )	BTL
1.	Prototype of a function means _____ a) Name of Function b) Output of Function c) <b>Declaration of Function</b> d) Input of a Function	L1
2.	Name the loop that executes at least once.  a) .For b) If c) <b>do-while</b> d) while	L2
3.	What is the default return-type of getchar()?  A. char B. <b>int</b> C. char * D. Reading character doesn't require a return-type	L1
4.	putchar(c) function/macro always outputs character c to the:  A. screen B. <b>standard output</b> C. depends on the compiler D. depends on the standard	L2
5.	#include is called  A. <b>Preprocessor directive</b> B. Inclusion directive C. File inclusion directive D. None of the mentioned	L1
6.	_____ translates high level language into machine language (a) <b>Compiler</b> (b) Translator	L2

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	(c) Processor (d) Loader	
7.	The size of —char data type is ____  (a) <b>1 byte</b>  (b) 2 bytes  (c) 4 bytes  (d) 10 bytes	L1
8.	_____operators are used for shifting bits to right and left (a) <b>&gt;&gt; and &lt;&lt;</b> (b) > and < (c) ?and : (d) None	L2
9.	Which of the following is the correct way of using type casting (A) <b>c=(int)a/b;</b> (B) c=a(int)/b; (C) c=int a/b; (D) None	L1
10.	'break' statement in a loop is used for (a) <b>Terminating the loop</b> (b) De-allocating memory (c) Terminating the program (d) Terminating the function	L2
11.	The two different ways to implement a multiway selection in C are (a) Simple if and if-else (b) if-else and nested if-else (c) <b>else-if ladder and switch</b> (d) None	L1
12.	C provides _____ as a convenient alternative to the traditional if-else for two way selection.  (a) <b>Conditional operator</b>  (b) Short hand assignment  (c) Increment  (d) None	L2
13.	The statement used to send back any value to the calling function is  (a) break	

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	<p>(b) continue</p> <p>(c) exit</p> <p><b>(d) return</b></p>	L1
14.	<p>The _____ statement is used to skip the remaining part of the statements in a loop and continue with next iteration.</p> <p>(a) break</p> <p>(b) goto</p> <p><b>(c) continue</b></p> <p>(d) exit</p>	L2
15.	<p>What will be output when you will execute following c code?</p> <pre>void main() {     int fruit=1;     switch(fruit+2)     {         default:printf("apple");         case 4: printf(" banana");         case 5: printf(" orange");         case 8: printf(" grape");     } }</pre> <p><b>(a) apple banana orange grape</b></p> <p>(b) grape</p> <p>(c) orange</p> <p>(d) banana orange grape</p>	L3
16.	<p>Which for loop has range of similar indexes of 'i' used in for (i = 0;i&lt; n; i++)?</p> <p>(a) for (i = n; i&gt;0; i-)</p> <p>(b) for (i = n; i &gt;= 0; i-)</p> <p>(c) for (i = n-1; i&gt;0; i-)</p> <p><b>(d) for (i = n-1; i&gt;-1; i-)</b></p>	L2
17.	<p>for' loop in C program , if the condition is missing</p> <p>(a) assumed to be present and taken to be false</p> <p><b>(b) assumed to be present and taken to be true</b></p> <p>(c) syntax error</p> <p>(d) execution will be terminated abruptly</p>	L1

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18.	<p>_____ is used to terminate from the entire program</p> <p>(a) return</p> <p>(b) break</p> <p><b>(c) exit</b></p> <p>(d) goto</p>	L2
19.	<p>if c is initialized to 1, how many times following loop is executed</p> <pre>While((c&gt;0)&amp;&amp;(c&lt;60)) { c++; }</pre> <p>(a) 60</p> <p><b>(b) 59</b></p> <p>(c) 61</p> <p>(d) 1</p>	L1
20.	<p>The library function exit () causes an exit from</p> <p>(a) loop</p> <p>(b) block</p> <p>(c) function</p> <p><b>(d) None</b></p>	L2
21.	<p>What is the output of this C code?</p> <pre>int main() { while () printf("In while loop "); printf("After loop\n"); }</pre> <p>(a) In while loop after loop</p> <p>(b) After loop</p> <p><b>(c) Compile time error</b></p> <p>(d) Infinite loop</p>	L3
22.	<p>Which among the following is not checked in switch case</p> <p>(a) character</p> <p>(b) integer</p> <p><b>(c) float</b></p>	L2

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	(d) None	
23.	The format specifier that is used to read or write a character is _____ (a) %f (b) %d (c) %c (d) %s	L1
24.	The expression a++ is referred as (a) Pre increment (b) <b>Post increment</b> (c) Before increment (d) After increment	L2
25.	The expression ++a referred as (a) <b>Pre increment</b> (b) Post increment (c) Before increment (d) After increment	L1

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