

Paper: Introduction To Programming in C

Course: BCA(GU-FYUGP) Sem: I

Quiz-I

Maximum Marks: 30

Maximum Time: 15 minutes

SET - A

Instructions:

1. Each question from Q1 to Q10 is compulsory, and contains 2 marks for correct answers. For a wrong answer 0.25 will be deducted.
2. Q11 is a bonus question, with a maximum of 10 mark.No deduction will be done for wrong attempt.
3. Write the correct option in the box provided.No overwriting will be accepted.

Name:..... Samarth Roll No:111772310.....

1.	Who invented the C-programming language?
a)Ken Thomson b) Dennis M. Ritchie c)Alan Turing d)Charles Bebeg	
2.	The following code snippet will output - <pre>int main() { Return 0; }</pre>
a)Compilation error b)No output c)Cannot be identified d)Machine dependent.	
3.	C is a language (Fill in the blank).
a) procedural b)object-oriented c)interpreted d)strongly typed	
4.	The basic data types of C language in the increasing order of sizes in bytes is -
a) char,int,double,float b) int,char,float,double c) int,float,double,char d) char,int,float,double	
5.	Give the output of the snippet - <pre>int a=2,b=1,c; c=sizeof(a+b); printf("%d,%d,%d", a,b,c);</pre>
a)2,1,4 b)2,1,2 c)Compilation Error d)None	
6.	Give the output of the snippet - <pre>int n; printf("%d", n);</pre>
a) 0 b)1 c)garbage value d)error	

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7.	Give the output of the snippet - <pre>int ch = 'A'; ch += 'a' - 'A'; printf("%c : %d", ch, ch);</pre>		
a) A:97	b) a:65	c) a:97	d) None
8.	Give the output of the snippet - <pre>int i; for(i=0; i<10; ++i); printf("%d", ++i);</pre>		
a) 10	b) 11	c) 9	d) Undefined.
9.	Give the output of the snippet - <pre>char ch1 = '9', ch2 ; ch2 = ch1 - '0'; printf("%c:%d", ch1, ch2);</pre>		
a) 9:57	b) 9:9	c) Error	d) None
10.	Give the output of the snippet - <pre>if(10) printf("False\n"); else printf("True\n");</pre>		
a) Error	b) False	c) True	d) None
Bonus Questions			
11.	Identify the bug(s) if any and correct the following code snippet- <pre>Int a=1; char #_var = 'A'; float f = 2.500000; switch(a) { Case 2.5: puts("Something\n"); Break; case 1: puts("case 1"); }</pre>		

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SET - B

Instructions:

4. Each question from Q1 to Q10 is compulsory, and contains 2 marks for correct answers. For a wrong answer 0.25 will be deducted.
5. Q11 is a bonus question, with a maximum of 10 mark.No deduction will be done for wrong attempt.
6. Write the correct option in the box provided.No overwriting will be accepted.

Name:..... Samarth Roll No:111772310.....

1.	C is a language (Fill in the blank).
	a) procedural b) object-oriented c) interpreted d) strongly typed
2.	The following code snippet will output - <pre>int main() { return 0; }</pre>
	a)Compilation error b)No output c)Cannot be identified d)Machine dependent.
3.	Who invented the C-programming language?
	a)Ken Thomson b)Alan Turing c) Dennis M. Ritchie d)Charles Bebeg
4.	The basic data types of C language in the increasing order of sizes in bytes is -
	b) char,int,double,float b) char,int,float,double c) int,float,double,char d) int,char,float,double
5.	Give the output of the snippet - <pre>char a='a'; int b=1,c; c=sizeof(a+b+c); printf("%d,%d,%d", a,b,c);</pre>
	a)2,1,2 b)2,1,4 c)Compilation Error d)None
6.	Give the output of the snippet - <pre>int n=2, m; m=n++; printf("%d", m);</pre>
	b) 0 b)1 c)garbage value d)2

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7.	Give the output of the snippet - <pre>int ch = 'A'; printf("%c : %d", ch,ch);</pre>
b) A:97 b)a:65 c)a:97 d)None	
8.	Give the output of the snippet - <pre>int i; for(i=0; i<3; i+=2) printf("%d", i);</pre>
b) 012 b) 02 c)No output d)Undefined.	
9.	Give the output of the snippet - <pre>char ch1 = '9',ch2 ; ch2 = ch1 - '0'; printf("%c:%d", ch1,ch2);</pre>
a) 9:57 b) 9:9 c)Error d)None	
10.	Give the output of the snippet - <pre>if(printf("Hello")) printf("True\n"); else printf("False\n");</pre>
a) 5True b)HelloTrue c)False d)True	
Bonus Questions	
11.	Predict the output: <pre>#include<stdio.h> int main() { int t1=0, t2=1, t3=1, tgt, tc=3; while(tc<10){ tgt = t1+t2+t3; printf("%d,",tgt); t1 = t2; t2 = t3; t3 = tgt; tc++; } return 0; }</pre>