Dr. Vivek Selgal

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST-1 - September 2017

JE21-1 - Selic	into ex = 1		
B.Tech (CSE/IT/ECE/C	CE/BI) 1 st Semester	MAX. MARKS:	15
OURSE CODE: 10B11CI111	•		
COURSE NAME: Introduction to Computers and	Programming	MAX. TIME: 1	Hrs
COURSE CREDITS: 04			
COURSE CREDITS: 04 Note: All questions are compulsory. The carrying	of mobile phone durir	ig examinations wi	<i>ii</i> 00
Note: All questions are computation			
treated as a case of unfair means.			
	£ computer		[2]
1. (a) Draw and explain the block diagram o	I computer.		[1]
		Development	
(b) How to execute READ and WRITE of (c) Draw and explain the various phases of	of Typical C Program	Do toyok	[2]
			[1]
1) G. Litropt using 2's complement: 1000	10101111 - 110		[1]
(b) Covert (24.625) ₁₀ in a binary number		d	_
(b) Covert (24.625) ₁₀ in a binary number (c) Calculate the value of following Sing	gle-precision IEEE flo	ating point number	 FOI
(c) Calculate the value of 1910 1011111101100000000000000000000000	00		
10111111011000000000000000000000000000	o codes:		[2]
3. (a) Find out the outputs of the following 1. #include <stdio.h> 2. int main() 3. { 4. int a = 10, b = 5, c = 5; 5. int d; 6. d = a == (b + c); 7. printf("%d", d); 8. } 1. #include <stdio.h> 2. void main() 3. { 4. int x = 0; 5. if (x == 0) 6. printf("hi"); 7. else 8. printf("how are u"); 9. printf("how are u"); 9. printf("hello"); 10. } (b) WAP to print odd and even numbers</stdio.h></stdio.h>	2. int main() 3. { 4. int y = 1000 5. int y = 34; 6. printf("Hello W 7. return 0; 8. } 1. #include <stdic (x="" 2.="" 3.="" 4.="" 5.="" if="" int="" main()="" x="1;" {=""> 0) 6. printf("insi 7. else if (x 8. printf("ins 9. }</stdic>	o; orld! %d\n", y); o.h> ide if\n"); > 0) ide elseif\n");	condition [
operator.		oreater than its rev	verse than
Discourse five-digit number	er and if the number is	rerse.	[]
divide is with its reverse, otherwise	multiply it with its rev	OLGO.	