Shahjalal University of Science & Technology Department of Computer Science & Enginee, ing. 2nd Year 1st Semester Final Examination June 2012 Course No: CSI:-203Y



Course Title: Introduction to Computer Language Credits: 2.0 Full Marks 50 Time: 2 Hours

Group A

Answer any four questions.

Demonstrate the difference between continue and break statement with

b) What is escape sequence? Write any three commonly used escape sequences. Declare a variable to store the serial and write the printf statement to display it

as 5 digit numbers with leading zeros. d) Write the statement to display any number which is divisible by 2 or 4 using

conditional operator.

Rewrite the following loop statement to display all even numbersint value[5] - [12,10,15,18,29]; for (i=0; i<10;) 1++;

if(value(i)%2==0) printf("%d",value(i));

To read any data to a variable from keyboard we must have to use & before the variable. Explain the reason.

Answer any three questions."

3*5=15

Identify all possible (both the compile time and run-time) errors of the following program code and also specify the reasons.

void main()

const float |pi = 0.0; float radius, area = 0.0; scanf ("%f", radius); pi = 3.514;area = pi * radius * radius printf("Area is ", area;;

Write a program that will read a character toggle the case (i.e. convert to upper-case for lower-east input and vice ersa) and display the converted character.

Evaluate the following expression:

i) ch " 'A', num = 20; num\$3+30+ch== 'a ii) x = 20; y = 32 x += x*·(+·l.y)

d) Specify any four syntactical fules for naming an identifier. Give examples for cach one.

1-52

Write the syntax of the switch statement.

Write a program to display the binary-weight serie 1+2+4+8+16.....+1024. Also show the sum of this

Rewrite the following code using while statement.

for(i = 0: i = 20: i++19

2.5

6

