Menoufiya University	A	Subject: Computer Application (2)							
Faculty of Engineering, Shebin El-Kom		Code: PRE313 / Year : Third Year							
<b>Production Engineering and Mechanical</b>	E Course	Time Allowed : three hours							
Design Department	(جامعة المنوفية)	Total Marks : 60 marks							
First Semester Examination, 2015-2016		Date of Exam : 14 / 1 / 2016							
Solve the following three questions [Note: marks	s of (Q.1), (Q.2),(Q	().3) are "20,15,25" marks respectively]							
$(0.1)$ : Read the following ten statements and write $(\sqrt{1})$ only beside number of each correct statement in									
the answer paper or write <u>only</u> (X) beside 1) In V.B, function len(Text1.text) can separate 2) In Visual Basic, the statement Dim N(2,2) A 3) You can declare a real variable (sgZ) using th 4) Statement i = 0: For J = 3 To 7: i = 3 * i + (, 5) If a code in V.B. includes line i Private Sub at 6) Ar =((3/2)*(3)^0.5)*L^2 can calculate are 7) In Visual-Basic, statement i y=acos(30*180/3 8) IF (X.EQ.Y) Z=5 is simplest form of IF-St 9) Any program starts loop by statement i For	statement number only numeric nu s Byte declares is statement Dir J - 2) ^ 2: Next J r(x As Single) the a (Ar) of equilates (Ar) of equilates (Ar) a calculates tatement in V.B. J=3 to 8 must of	er if statement contains any mistake:- mbers of contents of TextBox (Text1). a huge integer variables of matrix (N). n sgZ As Single }, in Visual-Basic. leads to be value (i) equal (342) in V.B. en code must include { End Function }. ral hexagon of side length (L) in V.B. the value of "y" (where y=cos <sup>-1</sup> 30°). where no need for writing End If. close this loop by [ Next J ] in V.B.							
10) Adjust property (Top) at (True) of TextBox	to allow the user	for writing any character inside it.							
<ul> <li>(Q.2): A program designed using (Visual-Basic) yum of six areas of six faces (A) of cube of the leng The user of this program must enter the value of textbox (txtL) under the condition that the value than 100 cm and at the same time the value of (L) 20 cm. Then user can press the command computing and showing value of total areas (A) in a)Draw flow Chart of this program.</li> <li>b)The code of this program is shown beside the contains some mistakes. Write this code <u>"as it paper and draw a circles around these mistakes."</u></li> </ul>	for computing the the of its side is (L) the side (L) in the e of (L) must le must greater that button (calc) for TextBox (area). (5 markst nis question but is'' in the answer stakes, then wri (10 markst	InterferenceInterferenceOption BasicDim a , areacDim a , areacPrivate Sub calc_Click()txtL.Txt=aIf a < 100							
(03): A student designed a program using	Vis	sual-Basic-6 Incorrect Code							
VB for computing and showing the side length D bin Carlo in Carlo									
(L) of equilateral hexagon in TextBox of name   restanting the sub CmdCalc_Click()									
L) when the user of program enter the area $ $ If txtch $  $ Then arnex txtar. Lext									
(ar) of this hexagon in TextBox of name (txtar)	tar) End Sub								
and user enter the number "1" in TextBox of	Enu Sub Privata Sub arbay(a As Singla)								
name (txtch) and pressing CommandBoutton	If $a < 85$ And $a > 25$ Than								
(CmdCalc). While, showing (L) of equilateral	Calc). While, showing (L) of equilateral $I_{L} = ((3/2) * 2 * (1/3 \land 0.5)) \land 0.5 + tI_{Toxt} = I$								
pentagon in (tL) through entering area (ar) of	tL) through entering area (ar) of $  \begin{bmatrix} L - ((5/2) - a - (1/5 - 0.5)) - 0.5 \\ Fnd If \end{bmatrix}$								
pentagon in (txtar) and number "2" in (txtch).	d number "2" in (txtch). If $a \ge 85$ And $a \le 25$ Then the Text = "Data out"								
c) Draw flow Chart of this program(5 marks). End IF									
d)The code of this program is shown beside this	The code of this program is shown beside this Private Sub arcent(b As Single)								
question but it contains some mistakes. Write $ $ If $b < 85$ OR $b > 25$ Then									
this code <u>"as it is</u> " in the answer paper and	L = (0.8 * b * (	1 / Tan(54 * 75.3))) ^ 0.5: tL.Text = L							
draw a circles around these mistakes, then	End If								
write corrections of mistakes above these	If b >= 85 Or	b < 25 Then tL.Text = "Data out "							
mistakes (20 marks)	End Sub	4							

With our best	wishes	(Dr/Ma	hamed	Allam		Å	DR/	Khaled	Khade	r ·	)	
This exam contributes "by measuring" in achieving Programme Academic Standards according to NARS												
<b>Question Number</b>	Q1,1&2	&3&4&5&6	Q1,10	Q1,7&8&9	Q2-b	Q2-b	Q3-b	Q2-a	Q3-b	Q3-a	Q3-b	
Skills	a1-1	a15-1	a15-2	a19-1	b1-1	b16-1	b17-1	c6-1	c6-2	c13-1	c14-1	
	Knowledge & Understanding Skills			Intellectual Skills			Professional Skills					