Menoufiya University	6	Subject: Computer Application (1)								
Faculty of Engineering, Shebin El-Kom		Code: PRE123 / Year : First Year								
Production Engineering and Mechanical	111. 444	Time Allowed : three hours								
Design Department	ة المدوفية)	Total Marks : 60 marks								
Second Semester Examination,2017-2018	والطرفي	Date of Exam : 30 / 5 / 2018								
	of(01)	(Q.2),(Q.3) are "20,20,20" marks respectively]								
(Q.1): Read the following statements and write ($$) only beside number of each correct statement in the										
(Q.1): Read the following statements and write (V) <u>only</u> b	veside number of each correct statement in the								
answer paper or write <u>only</u> (X) beside state	ement nur	mber if statement contains any mistake:-								
1)Programmer can declare a character variable (Z) in Fortran by writing line Dim Z AS String . 2)The line IF (X.GE.Y) M.EQ.8 means that (M) equal to (8) when (Y) greater than (X), in Fortran.										
2) The line IF (X.GE.Y) M.EQ.8 means that (M) 3) In Fortran, programmer starts loop by Do; 400	T = 1 N	and close this loop by 400 continue								
3) In Fortran, programmer starts loop by $100;400$		and close this loop by \blacksquare 400 continue \blacksquare .								
4) In VB code, line $H = 0$: For J = 1 To 5: $H = 2 * H + (J - 1) * J^3$: Next J leads to be (H) equal to (1164).										
5)Statement Dim Y As Long , can declare general very large integer variable (Y), in Visual-Basic. 6)Line IF B>A Then R=7 in Visual-Basic means that (R) equals to (7) when (A) less than (B).										
6) Line IF B>A Then $R=7$ in visual-Basic met	eans that	(K) equals to (7) when (A) less than (D). $M = \frac{1}{2} \frac{1}{$								
7)You can declare in VB the real variables of matrix	(K) usi	(9.5) exectly in Visual Basic code								
 8) Line Z= 17 \ 2 leads to make the variable (Z) 9) In VB, you can adjust the property (Locked) of T 	equals to	(6.5) exactly, in visual-basic code.								
	exibox at	following statement Dim R As Single								
10) In V.B, you can declare the real variable (R) u										
(Q.2): Designe program in (Visual-Basic)	for	Incorrect Visual Basic Code								
computing and showing value $(M = \sqrt[X]{3 + 5Y})$		Dim M, X, Y As Single								
	· · · · ·	Private Sub Cmdtest_Click() Dim F1, F2 As Single								
root after entering two values (X and Y) in	tho	F1 = Val $(T1.Text)$: F2 = Val $(T2.Text)$								
TextBoxs (T1 and T2) respectively and pres	some	F1 = var(11.1ext) + F2 = var(12.1ext) If Len(F1) > 0 OR Len(F2) > 0 Then								
CommandButton (Cmdtest) for checking ent	uru	If $F1 = T1$. Text And $F2 = T2$. Text Then								
values (X and Y), hence, CommandButton (Cmd	calc)	cmdcalc.Enabled = True: End If End If								
can be enabled for computing and showing value		If $Len(T1) = 0$ Then $Len(T2) = 0$								
in TextBox (Tm).		Tm.Text = "Wrong Inputs": End if								
a) Draw flowchart of this program(5 Mab) The code of this program is shown beside		End Sub								
question but it contains some mistakes. Write this	code	Private Sub Cmdcalc Click()								
<u>"as it is</u> " in answer paper and <u>draw circles</u> are	cour	$X = T1.Text$: $\overline{Y} = T2.Text$								
mistakes, then write <u>corrections</u> of mistakes	over	$M = (3 + 5 * Y)^{(X)}$: $Tm.Text = M$								
mistakes		End Sub								
		Incorrect Code of Fortran Program								
(Q.3): Student design program using ()		REAL S, A, D								
Language) where user of this program estimation		PRINT*, "Please Enter: A & D "								
showing the summation (S) of infinity geometric	c series	READ*, A, D								
terms, by entering its base (D) and the first term		IF (D.LT.1.AND.D.GT.1) Then								
series respectively. Note that: $(S = \frac{A}{1-D})$, where $ D $	0 <1	S=A/1-D								
a) The code of this program is shown beside this q	200 C	PRINT*, ' S= A/1-D= ', S								
but it contains some mistakes. Write this code "	as it is"	End IF								
in the answer paper and draw a circles arou		If (D.GE1.OR.D.LT1) Then								
mistakes, then write corrections of mistakes over	er these	PRINT*, 'Base of Series is RANG '								
mistakes (15		End IF								
b) Write the steps of the algorithm of the code		STEP								
program(5)	marks)	END								
Prostant	,									

With our best	wishes	(Dr/Mo	hamed	Allam 🤇	L=	æ	DR/	Khaled	Khade	r <		
This exam contributes "by measuring" in achieving Programme Academic Standards according to NARS												
Question Number	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				