**ĐÁP ÁN GỢI Ý  
Câu 1: (2đ) (C. Uyển)**

1. Viết lại đoạn lệnh sau sử dụng Do while … Loop thay cho For … Next

i=j  
Do while i >= k  
 If a(i) Mod 2 = 0 Then  
 Exit Do  
 Else  
 s=s+a(i)  
 End If  
 i=i-2  
Loop

1. Viết lại đoạn lệnh sau sử dụng Do … Loop Until thay cho Do while … Loop

If a < > b Then   
 Do   
 If a > b Then  
 a=a-b  
 Else  
 b=b-a

End If  
 Loop Until a=b

End If

**Câu 2:**

|  |  |  |
| --- | --- | --- |
| **STT mod 3 =** | **Kết quả câu a** | **Kết quả câu b** |
| **0** | **a=-3 b=0 c=0** | **a=0 b=3 c=0** |
| **1** | **a=6 b=3 c=6** | **a=1 b=6 c=6** |
| **2** | **a=15 b=6 c=12** | **a=2 b=9 c=12** |

**Câu 3: (2đ) (T. Ngọc)**Function TinhFx(ByVal x as single) as double

If x < 0 Then

f = Exp(x) + 1

ElseIf (0<= x) And (x <=5) Then

f = Sin(x) + Cos(x)

Else

f = Sqr(x+1)

End If

TinhFx = f

End Function

**Câu 4: (2 điểm) (C. Châu)**

Private Function ChuaPhanTuTrungNhau(A() As Integer, ByVal n As Integer) As Boolean

Dim i As Integer, j As Integer

Dim m As Integer

For i = 1 To n

m = A(i)

For j = 1 To n

If i <> j And A(j) = m Then

ChuaPhanTuTrungNhau = True

Exit Function

End If

Next j

Next i

ChuaPhanTuTrungNhau = False

End Function

**Câu 5: (2 điểm) (T. Ngọc)**

Private Function KiemTra\_DX(ByVal S As String) As Boolean

Dim n As Long

S=Trim(S)

If (InStr(1, S, “”, 0) <> 0) Or (S = “”) Then

KiemTra\_DX = False

Else

KiemTra\_DX=True

n = Len(S)

For i=1 To n \ 2

If Mid(S, i, 1) <> Mid(S, n-i+1,1) Then

KiemTra\_DX=False

Exit Function

EndIf

Next

EndIf

End Function

* “” : Khoảng trắng.