**Excel Assignment - 20**

1 Write a VBA code to select the cells from A5 to C10. Give it a name

“Data Analytics” and fill the cells with the following cells “This is Excel

VBA”

Ans:Sub even\_odd()

For i = 8 To 17

If sheets (“Sheets2”). Cells(I,1). Value Mod 2=0 Than

Sheets (“sheet2”). Cells(i.2. value = “Even”

Elese

Sheets(“sheets2”). Cells (i, 2) Value =”Odd”

End

2. Use the above data and write a VBA code using the following

statements to display in the next column if the number is odd or even

a. IF ELSE statement

b. Select Case statement

c. For Next Statement

3. What are the types of errors that you usually see in VBA?

Ans:

In Visual Basic, errors fall into one of three categories: syntax errors, run-time errors, and logic errors

4. How do you handle Runtime errors in VBA?

Ans:

You do this by including an On Error statement in your macro. When a runtime error occurs, the On Error statement transfers control to an error-handling routine. To trap errors, you must set your error trap above the point in the procedure where errors are likely to occur.

5. Write some good practices to be followed by VBA users for handling

Errors Number Odd or even

Ans:

* On Error – Stop code and display error. On Error Goto 0.
* On Error – Skip error and continue running. On Error Resume Next.
* On Error – Go to a line of code [Label] On Error Goto [Label]
* Clears (Resets) Error. ...
* Show Error number. ...
* Show Description of error. ...
* Function to generate own error.

6. What is UDF? Why are UDF’s used? Create a UDF to multiply 2

numbers in VBA

Ans: Simply put, UDFs are functions that work just like standard built-in Excel functions, like SUM or VLOOKUP. The biggest difference though is that they can also be customized to your exact requirements.