DATA MANAGEMENT & INFORMATION SYSTEMS

Date: 28.12.2015

Marks: 100

Time: 10 am to 1 pm

Instructions:
1. Attempt six questions out of which Q1 is compulsory
2. Answer each next question on new page
3. Figure to the right indicate full marks
4. Illustrate your answers with sketches and flow chart wherever necessary
5. Use of non programmable electronic pocket calculator permissible
6. Mobile and any other communication devices are not allowed in exam hall.
7. Assume suitable data wherever necessary

Q1 Define all the terms
   a. Visual Basic 2
   b. Form 2
   c. Textbox 2
   d. Scopes of the class 2
   e. Menu 2

Answer the followings
   a. Name four font styles in MS Word? 2
   b. What is gutter margin? 2
   c. What is Landscape? 2
   d. Typeface option will come under which menu? 2
   e. Name two options available on the Ruler of MS Word screen? 2

Q2 a. Explain the main purpose of an operating system? What is root partition? 10
b. Differentiate between logical address and physical address?
   6
b. Draw Block diagram digital to Analog converter. 6

Q3 a. Define ERP? Draw component diagram of ERP? 6
b. Explain Data Types in Visual Basic. 10

Q4 a. Explain in brief about the modern hairiness tester. 10
b. Write in brief about the modern evenness tester. 6

Q5 a. Write Syntax for "If-Then and If-Then-Else statements". 8
b. What is active X control? What are the risks of using active X control?  

Q6  
a. Differentiate between Microprocessor and microcontroller?  
b. Explain uses of following function in Microsoft Excel.  
   i. =MAX(number1, number2,...)  
   ii. =ABS(number)  
   iii. =EXP(number)  
   iv. =AVERAGE(number1, number2,)

Q7  
a. Briefly explain the following terms.  
   i. Formula features of Microsoft Excel  
   ii. Mail merging functions of Microsoft Word  
b. Differentiate between "Pull down Menu" and "Popup Menu" in Visual Basic.

Q8  
Write short notes  
a. AC Regulator  
b. Optical Sensor for textile machine