THE TEXTILE ASSOCIATION (INDIA)
G.M.T.A EXMINIATION-2018
SECTION-C, PAPER C.5
DATA MANAGEMENT & INFORMATION SYSTEM

Date: 26.12.2018 Marks: 100 Time: 10 am to 1 pm

Instructions:

1. Attempt Six questions out of which Q.1 is compulsory
2. Answer each next main questions on new page
3. Figure to the right indicate full marks
4. Illustrate your answer with sketches and flow chart whenever 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 Answer all the questions

i. If we press the F7 in a Microsoft word file, it will launch ___________ (1)
   (a) Spelling and Grammar Checker, (b) Redo Function
   (c) Create table (d) launch macro

ii. Visual Basic is a tool that allows you to develop application in _______ (1)
    (a) Real time, (b) Graphical User Interface,
    (c) Menu Driven, (d) None of These

iii. Which language is used to build macros in Microsoft Office? (2)

iv. What is difference between serial and parallel ports in a computer? (4)

v. What is signal conditioning? (4)

vi. What is feed forward control system? (4)

vii. What is decision making in programming? (4)

Q2a. What is Online and Offline Information? Explain with examples (8)

b. Briefly describe reliability, accuracy, speed and functional requirements of information. (8)

Q3 a. List any four operators in VB with examples (8)

b. Briefly describe the concept of loops in programming. What are the differences between a do while loop and a do until loop? (8)

Q4 a. Describe the features of ERP software in Textile industry (8)

b. Explain any four Functions in Excel? (8)
Q5  a. Describe in brief ActiveX Controls with an example.  
    b. What are the advantages of working with wizards and form templates in Visual Basic?  

Q6  a. Describe in brief about macros in excel  
    b. Write a macro to calculate the interest on borrowed capital  

Q7  a. Write brief notes on electronic inspection boards for spun yarn.  
    b. Describe in brief the working principle of Strain gauge Transducers.  

Q8  a. Explain the functioning of a synchronous Motor speed Drive  
    b. Explain the precautions to be taken during electronic repair work.

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