THE TEXTILE ASSOCIATION (INDIA)
A.T.A. PART-1 NEW 3 YEARS EXAMINATION-2014
PAPER- A1.5
ELEMENTS OF COMPUTER AND ITS APPLICATIONS

Date: 28.12.2014       MARKS: 100       Time: 10a.m to 1.00p.m

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

Q1. A) Choose correct word/phrase
   i) GPU means Graphics Processing Unit/Giga Processing Unit (5)
   ii) GUI means Graphical User Interface/General User Information
   iii) Microsoft PowerPoint creates a Work Book/Slide Show
   iv) .docx is the file extension used to denote Microsoft Word/Microsoft Excel files

   B) Expand following abbreviations (5)
   i) SATA
   ii) HTML
   iii) BIOS
   iv) WWW
   v) PDF

   C) Explain in one sentence (10)
   i) WiFi
   ii) Digital Scanner
   iii) Removable Disk
   iv) Web browser
   v) Gmail

Q2. A) Write short notes on the following (12)
   i) Major attributes of font in a MS Word document
   ii) Graphics User interface (GUI)
   iii) Mouse and touch pad

   B) Describe major programs included in MS Office 2010 (4)

Q3. Differentiate between:
   i) Laser Printer and Dot Matrix Printer (16)
   ii) A programming language compiler and interpreter
   iii) Microsoft Word and Microsoft Excel
   iv) Primary memory and Secondary memory of a PC
Q4. Briefly explain the following terms
   i) Formula features of Microsoft Excel
   ii) Different data types in C language
   iii) Mail merging functions of Microsoft Word
   iv) Advantageous of email

Q5. A) Write keyboard shortcuts for following operations in Microsoft Word
   i) Insert a new page
   ii) Paste content of the clipboard
   iii) Select the entire document
   iv) Underline selected text
B) Write brief notes on the following
   i) Binary numbers and their usage in digital computing
   ii) Popular web browsers
   iii) Algorithms and flow charts

Q6. A) Write a C program to check whether a given alphabet is small letter or capital letter

B) What is Computer Aided Design? Briefly explain uses of CAD in textile industry?

Q7. A) Draw a process flow chart of any process in textile manufacturing

B) Write a C programme that display product of two numbers on the computer screen

Q8. A) Explain sorting of data in an worksheet column using Microsoft Excel

B) Explain uses of following function in Microsoft Excel
   i) =MAX(number1, number2, ...)
   ii) =ABS(number)
   iii) =EXP(number)
   iv) =AVERAGE(number1, number2, ...)