THE TEXTILE ASSOCIATION (INDIA)
A.T.A.(REVISED) PART-I EXAMINATION – 2013
PAPER – A 1.5
ELEMENTS OF COMPUTER AND ITS APPLICATIONS

Date: 27.12.2013
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 question on new page
3. Figure to the right indicate full marks
4. Illustrate your answer 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.

Q.1. a. Choose correct word/phrase
   i. RAM means Rarely Accessed Memory/Random Access Memory
   ii. C++ is the name of a programming language/a calculator programme
   iii. ‘.docx’ file name extension is used to indicate Microsoft Excel
   iv. Chart is a feature of Microsoft Word/Microsoft Excel
   (05)

b. Expand following abbreviations
   i. SATA
   ii. BIOS
   iii. HTTP
   iv. URL
   v. PDF
   (05)

c. Explain in one sentence
   i. Adobe Flash
   ii. Microsoft PowerPoint
   iii. Google.com
   iv. Web browser
   v. HTML
   (10)

Q.2. a. Write short notes on the following
   i. What is a PDF document
   ii. How do you use MS Excel to sort a list of names in alphabetical order
   iii. MS Windows 8
   (12)

b. Describe different types of printers and their uses
   (04)

Q.3. Differentiate between:
   i. Representation of integer and float in computer memory
   ii. A programming language compiler and interpreter
   iii. Linux and MS Windows
   iv. Primary memory and Secondary memory of a PC
   (16)
Q.4. Briefly explain the following terms
   i. Formula features of Microsoft Excel
   ii. Advantageous of email
   iii. Different types charts available in Microsoft Excel and their uses
   iv. Different data types in C language

Q.5. a. Write keyboard shortcuts for following operations in Microsoft Word
   i. Cut a portion of text
   ii. Select entire document
   iii. Select the entire document
   iv. Print the document
   b. Write brief notes on the following
   i. MS PowerPoint and its uses
   ii. Popular web browsers
   iii. Uses of Microsoft Excel

Q.6. a. Write a C program to convert a given string of text to uppercase
   b. What is Computer Aided Design? Briefly explain uses of CAD in textile industry?

Q.7. a. Draw a process flow chart of spinning process in yarn manufacturing
   b. Write a C programme that display sum of three numbers on the screen

Q.8. a. Explain preparation of a slide show using MS PowerPoint
   b. Explain uses of following function in Microsoft Excel
   i. = COUNT(value1, [value2], ...)
   ii. = ACOS(number)
   iii. = PI()
   iv. = AVERAGE(number1, Number2, ...)

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