THE TEXTILE ASSOCIATION (INDIA)
A.T.A.(REVISED) PART-I EXAMINATION – 2012
PAPER – A 1.5
ELEMENTS OF COMPUTER AND ITS APPLICATIONS
MARKS : 100

Date: 26.12.2012

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) CPU means Computer Processor Unit/Central Processing Unit
   ii) GUI means Graphical User Interface/General User Information
   iii) Microsoft Excel creates a Work Book/Slide Show
   iv) Worksheet is feature of Microsoft Word/Microsoft Excel

   b. Expand following abbreviations
   i) USB
   ii) HTML
   iii) POST
   iv) WWW
   v) PDF

   c. Explain in brief
   i) Bluetooth
   ii) Microsoft Windows
   iii) Digital Flatbed Scanner
   iv) Web browser
   v) Gmail

Q.2. a. Write short notes on the following
   i) Major attributes of font in a MS Word document
   ii) Uses of a digital scanner
   iii) Mouse

   b. Describe major input devices and their functions

Q.3. Differentiate between:
   i) Wide Area Network (WAN) and Local Area Network (LAN)
   ii) A programming language compiler and interpreter
   iii) Microsoft Word and Microsoft PowerPoint
   iv) Primary memory and Secondary memory of a PC
Q.4. Briefly explain the following terms
i) Copy/cut and paste features of Microsoft Excel
ii) Any two popular operating systems used for personal computing
iii) Mail merging functions of Microsoft Word
iv) Switch structure in C programming language

Q.5. a. Write keyboard shortcuts for following operations in Microsoft Excel
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

Q.6. a. Write a C program to check whether a given number is even or odd
b. What is Computer Aided Design? Briefly explain uses of CAD in textile industry?

Q.7. a. Draw a process flow chart of any process in textile manufacturing
b. Write a C programme that display sum of two numbers on the screen

Q.8. a. Explain merge printing using Microsoft Word
b. Explain uses of following function in Microsoft Excel
i) =MAX(number1,number2,...)
ii) =ABS(number)
iii) =EXP(number)
iv) =AVERAGE(number1,Number2, ...)

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