COMPUTER SCIENCE SSC–II

(For Hearing Impaired Children)

SECTION – A (Marks 15)

Time allowed: 30 Minutes

NOTE: Section–A is compulsory. All parts of this section are to be answered on the question paper itself. It should be completed in the first 30 minutes and handed over to the Centre Superintendent. Deleting/overwriting is not allowed. Do not use lead pencil.

Q. 1   Circle the correct option i.e. A / B / C / D. Each part carries one mark.

(i)   Which one of the following is a cable with many pairs of wires twisted around each other?

A.   Coaxial pair cable   B.   Fiber optic cable
C.   Twisted pair cable   D.   UTP cable

(ii)   Which one of the following is a type of cable that uses glass (or plastic) threads to transmit data?

A.   UTP   B.   STP   C.   Coaxial cable   D.   Fiber optic cable

(iii)   Which of the following type of network is used by university campuses?

A.   MAN   B.   WAN   C.   LAN   D.   VAN

(iv)   The sender side of fiber-optic cable converts electrical signal to what type of waves?

A.   Radio   B.   Light   C.   Satellite   D.   Sound

(v)   On an Excel Sheet the active cell is indicated by:

A.   A dotted border   B.   A dark wide border
C.   A blinking border   D.   By italic text

(vi)   A chart represents data in terms of sectors of a circle is called:

A.   Line chart   B.   Column chart   C.   Bar chart   D.   Pie chart

(vii)   A graphical representation of data and information in Excel is called:

A.   Function   B.   Chart   C.   Formula   D.   Table

(viii) Work sheet is a single page in a:

A.   Work book   B.   Book   C.   Spread sheet   D.   Program

(ix)   Which of the following is an operator?

A.   YES   B.   NOT   C.   WHAT   D.   NO

(x)   Which of the following is a logical multiplication operator?

A.   AND   B.   OR   C.   NOT   D.   NO

(xi)   OR operation is represented by:

A.   *   B.   +   C.   .   D.   –

(xii)   Which of the following is a web browser?

A.   My computer   B.   Yahoo
C.   Internet Explorer   D.   Control Panel

(xiii) Which of the following is a search engine?

A.   Net Scape   B.   Hot Java   C.   VLC   D.   Google

(xiv)   In E-mail address user name and domain are separated by:

A.   /   B.   .   C.   @   D.   –

(xv)   Which of the following function is very important in E-mail sending?

A.   Font size   B.   Attachment   C.   Subject   D.   E-mail address

For Examiner's use only:

Total Marks: | 15 |

Marks Obtained: | |

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Time allowed: 1:00 Hours   **Total Marks Sections B: 20**

NOTE: Answer any five parts from Section 'B' on the separately provided answer book. Use supplementary answer sheet i.e. Sheet–B if required. Write your answers neatly and legibly.

SECTION – B (Marks 20)

Q. 2   Answer any FIVE parts. The answer to each part should not exceed 3 to 4 lines.   **(5 x 4 = 20)**

(i)   Define network topology. Also define Bus topology and Ring topology with the help of diagrams.

(ii)   Explain Metropolitan Area Network.

(iii)   How is data arranged in a spreadsheet?

(iv)   What is the purpose of spread sheet?

(v)   Differentiate between formula and function in MS Excel.

(vi)   Define Truth table. Also explain AND and NOT operators.

(vii)   Define the following services of internet:

a.   World Wide Web   b.   E-mail

(viii)   Differentiate between web browser and search engine.

—— 2SA 1744 (HIC) ——