



# COMPUTER STUDIES HSSC-II

Time allowed: 2:15 Hours

Total Marks Sections B and C:

NOTE:- Answer any eight parts from Section 'B' and any two questions from Section 'C' 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 24)

Q. 2 Attempt any EIGHT parts. The answer to each part should not exceed 3 to 4 lines. ( 8 x 3 = 24 )

- (i) What is Information? Explain with example.
- (ii) Write any three differences between Analog and Digital Computers.
- (iii) Describe briefly the function of Arithmetic Unit in CPU.
- (iv) Write a short note on Dot-Matrix Printer.
- (v) Write briefly about Syntax error.
- (vi) Add  $(1101)_2$  and  $(1011)_2$
- (vii) Subtract  $(1001)_2$  from  $(1100)_2$
- (viii) What is Variable?
- (ix) List the names of logical operators.
- (x) Write the syntax and purpose of LLIST Command.
- (xi) Write down the syntax and purpose of CLS Command.

## SECTION – C (Marks 16)

Note:- Attempt any TWO questions. All questions carry equal marks. ( 2 x 8 = 16 )

- Q. 3 Write a program in BASIC that input temperature in Celsius. It converts temperature into Fahrenheit and displays it on the screen. Formula for converting the temperature is  $F=9/5 * C+32$ .
- Q. 4 What is Monitor or Display screen? Discuss the types of display screens.
- Q. 5 Explain any two of the following:
- (i) System Software
  - (ii) Control Unit
  - (iii) Flow Charts