Version No.			
4	1	7	1

ROLL NUMBER					

COMPUTER STUDIES
HSSC–II
SECTION – A (Marks 10)

Time allowed: 15 Minutes

Section – A is compulsory. All parts of this section are to be answered on this page and handed over to the Centre Superintendent. Deleting/overwriting is not allowed.

Do not use lead pencil.

حصہ اوّل لازمی ہے۔ اس کے جوابات اسی صفحہ پر دے کر ناظم مرکز کے حوالے کریں۔ کاٹ کر دوبارہ لکھنے کی اجازت نہیں ہے۔ لیڈ پنسل کا استعمال ممنوع ہے۔

Answer Sheet No. _____

ہر سوال کے سامنے دیے گئے، کریکولم کے مطابق درست دائرہ کو پر کریں۔ **Invigilator Sign.** _____

Fill the relevant bubble against each question according to curriculum: **Candidate Sign.** _____

	Question سوال	A	B	C	D	A	B	C	D
1.	For...NEXT statement is used to implement:	Iteration	Selection	Decision	Collection	○	○	○	○
2.	Errors due to the wrong use of formula are called:	Syntax Errors	Logical Errors	Execution Errors	Run time Errors	○	○	○	○
3.	Which device can serve as both input and output device?	Printer	Scanner	Mouse	Monitor	○	○	○	○
4.	Computer software are divided into _____ types.	2	3	4	5	○	○	○	○
5.	One byte is equal to:	2 bits	4 bits	8 bits	16 bits	○	○	○	○
6.	Input/output devices are also known as:	I/O	IP/OP	IC/OC	IU/OU	○	○	○	○
7.	The number $(F6)_{16}$ is equivalent to (_____)$_{10}$.	244	245	246	247	○	○	○	○
8.	The output, printed on the paper is called:	Software	Soft copy	Report copy	Hard copy	○	○	○	○
9.	Two flow lines can come out of which symbol in flowchart?	Process	Decision	Terminal	Input	○	○	○	○
10.	A loop within loop is called:	Infinite loop	Complex loop	Nested loop	Simple loop	○	○	○	○

COMPUTER STUDIES HSSC–II

Time allowed: 2:15 Hours **Total Marks Sections B and C: 40**

NOTE: Answer any eight parts from Section 'B' and any two questions from Section 'C' on the separately provided answer book. Write your answers neatly and legibly.

SECTION – B (Marks 24)

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

(i) Write down any three characteristics of hard disk.

(ii) Briefly explain reserve words.

(iii) Convert the following program into WHILE...WEND loop.

```
10    CLS
20    FOR I=1 to 100 STEP 3
30    IF IMOD 5=0 Then PRINT I ^2
40    NEXT I
50    END
```

(iv) Differentiate between 'high-level language' and 'low-level language'.

(v) Enlist some main types of non-impact printer with one characteristic of each printer.

(vi) Find the $1'_s$ and $2'_s$ complements of $(10110010)_2$.

(vii) Write any three operations of CU.

(viii) Describe any three rules for naming variable in BASIC.

(ix) What is the different between 'PROM' and 'EPROM'.

(x) Draw a flowchart to find the table of any number.

(xi) Write a short note on use of computer in banks.

SECTION – C (Marks 16)

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

Q. 3 a. Represents the following message "Bits" using ASCII codes. (If B=66, i=105, t=110 and s=115 then display in binary codes).

b. Compare flowchart and algorithm.

Q. 4 a. Describe the working of CLEAR command and DELETE command in BASIC.

b. Explain the operators precedence order.

Q. 5 What is a software? Describe different types of software with suitable examples.