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

Time allowed: 15 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 15 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)   Computers that are smaller and less expensive than mainframes but larger and more powerful than personal computers are called_____

A.	Handheld computers	B.	Desktop computers
C.	Minicomputers	D.	Laptops

(ii)   Analog quantities have _____value.

A.	Discrete	B.	Unique
C.	Continuous	D.	None of these

(iii)   Which component of the CPU is responsible for comparing the contents of two pieces of data?

A.	ALU	B.	Control Unit
C.	Memory	D.	None of these

(iv)   An important characteristic of RAM is that it (is)_____

A.	Reads only	B.	Writes only
C.	Non-volatile	D.	Volatile

(v)   Which of the following terms refers to all input, output and secondary storage devices?

A.	Peripheral	B.	Central
C.	Attached	D.	Network

(vi)   The electronic circuit that executes computer instructions is called a_____

A.	Monitor	B.	Hard disk
C.	CPU	D.	Keyboard

(vii)   The number of bits processed by CPU as a unit is called_____

A.	Computer word	B.	Computer sentence
C.	Computer phrase	D.	Computer term

(viii)   Which of the following translates source-code to machine-code as a whole?

A.	Interpreter	B.	Compiler
C.	Assembler	D.	None of these

(ix)   In hexadecimal number system, B is equal to decimal number_____

A.	10	B.	11
C.	17	D.	18

(x)   Which of the following BASIC commands is used to automatically generate line number each time when Enter key is pressed?

A.	AUTO	B.	CONT
C.	LOAD	D.	RUN

For Examiner's use only:

Total Marks: 10

Marks Obtained:

----- 2HA 1317 -----

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. 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)   Briefly explain Variable.

(ii)   What is Hardware?

(iii)   What do you know about Mouse?

(iv)   What are Impact printers?

(v)   Write down the use of Disk drives.

(vi)   Why is resolution important when using a scanner?

(vii)   Define Programming languages.

(viii) Write a note on language translators.

(ix)   Subtract $(0011)_2$ from $(1110)_2$.

(x)   Define Date processing.

(xi)   What is Keyword?

SECTION – C (Marks 16)

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

Q. 3   What is Computer? Describe the classification of Digital computers.

Q. 4   Explain the following:

(i)   Cache Memory

(ii)   Device Drivers

Q. 5   Write a program that performs arithmetic operations on two variables and displays the result on screen.

----- 2HA 1317 -----