



Sig. of Invigilator.

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.

D. $A = B$

Marks Obtained:



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

- (i) What is the difference between Analog computer and Digital computer?
- (ii) List out some activities of control unit.
- (iii) Which functions are performed by ALU in CPU?
- (iv) Why is RAM known as volatile memory?
- (v) What is the difference between source code and object code?
- (vi) Why are logical errors the most difficult errors?
- (vii) Convert the following decimal to BCD from:
 - a. 425
 - b. 97
 - c. 121
- (viii) What is meant by operator precedence?
- (ix) Convert the following arithmetic statements into Basic statements:
 - a. $\sqrt{s(s-a)(s-b)(s-c)}$
 - b. $\frac{4}{3} \pi R^3$
 - c. $\frac{x-y}{3} + \frac{a+b}{5}$
- (x) What is the difference between constant and variable?
- (xi) What is the difference between memory and storage?

SECTION – C (Marks 16)

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

- Q. 3** Describe language processors / translators and their use. Discuss different types of language processors.
- Q. 4** What is hard copy output device? Discuss different printers commonly used.
- Q. 5** Describe ROM. Discuss its different types in detail.