



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.