



Roll No.

Answer Sheet No. _____

Sig. of Candidate. _____

Sig. of Invigilator. _____

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) Many banks provide the facility of _____ to withdraw cash.
 - A. ATM
 - B. PDA
 - C. Macintosh
 - D. Barcode Reader
- (ii) Which one is faster?
 - A. RAM
 - B. Cache
 - C. Register
 - D. Hard disk
- (iii) 1 KB= _____ bytes.
 - A. 1024
 - B. 1000
 - C. 8
 - D. 16
- (iv) A device that reads from a disk is called a:
 - A. Disk Drive
 - B. Disk Reader
 - C. Disk Cache
 - D. Diskette
- (v) _____ was primarily developed to control the microprocessor used in VCR, toaster and cable receiver etc.
 - A. Java
 - B. C
 - C. Pascal
 - D. SQL
- (vi) What is the decimal value of 2^5 ?
 - A. 25
 - B. 4
 - C. 16
 - D. 32
- (vii) The general format of writing floating point number is:
 - A. $M \times B^E$
 - B. $B \times E^M$
 - C. $M \times E^B$
 - D. None of these
- (viii) A / an _____ is a finite set of steps to solve a problem.
 - A. Algorithm
 - B. Solution
 - C. Program statement
 - D. Method Definition
- (ix) Another name for keyword is:
 - A. Reserved Word
 - B. Special Word
 - C. System Word
 - D. Remark
- (x) Which of the following returns true if A=25 and B=35?
 - A. $A + B$
 - B. $A > = B$
 - C. $A < > B$
 - D. $A = B$

For Examiner's use only:

Total Marks:

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.