

Roll No.

Answer Sheet No. _____

Sig. of Candidate. _____

Sig. of Invigilator. _____

COMPUTER SCIENCE HSSC-II

SECTION – A (Marks 15)

Time allowed: 20 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 20 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) The extension of C source program is:
A. .h B. .c C. .obj D. .exe
- (ii) A memory location with some data that cannot be changed during program execution is called:
A. Constant B. Variable C. Keyword D. Float
- (iii) $a+ = b$ is equivalent to:
A. $b+ = a$ B. $a = +b$ C. $a = a + b$ D. $b = b + a$
- (iv) Format specifier is started with symbol:
A. ? B. & C. \ D. %
- (v) Which of the following symbol is used for assignment operators?
A. == B. = C. >=1 D. <=
- (vi) Which escape sequence is used to formfeed in C?
A. \n B. \v C. \f D. \l
- (vii) Another term for a computer making a decision is:
A. Selection B. Sequential C. Repetition D. Iteration
- (viii) One execution of a loop is known as a / an:
A. Cycle B. Duration C. Iteration D. Test
- (ix) Which loop structure always executes at least once?
A. While B. For C. Switch D. Do-while
- (x) The function getch () is defined in:
A. Conio.h B. Stdio.h C. String.h D. Math.h
- (xi) Another name for predefined function is:
A. User defined function B. Library function
C. Arithmetic function D. Binary function
- (xii) Which of the following function is used to write string to a file?
A. Put s () B. Put c () C. fputs () D. fgets ()
- (xiii) A database containing all students in a class would store the information of individual student in:
A. Record B. Field C. Cell D. File
- (xiv) Which auto form displays one record at a time?
A. Tabular B. Datasheet C. Justified D. Columnar
- (xv) How many types of reports layouts are available in MS-Access?
A. 2 B. 3 C. 4 D. 5

For Examiner's use only:**Total Marks:**

15

Marks Obtained:



COMPUTER SCIENCE HSSC-II

28

Time allowed: 2:40 Hours

Total Marks Sections B and C: 60

NOTE: Answer any thirteen parts from Section 'B' and any three 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 39)

Q. 2 Answer any THIRTEEN parts. The answer to each part should not exceed 5 to 6 lines. (13 x 3 = 39)

- (i) Write any three characteristics of high level language.
- (ii) Define preprocessor directive.
- (iii) Why the logical error is most difficult error?
- (iv) Differentiate between constant and variable.
- (v) What are keywords? Give its two examples.
- (vi) Write any three rules for naming variable.
- (vii) Define relational operators. List different relational operators.
- (viii) What is meant by operator precedence?
- (ix) Define comments. Discuss multiline comments with example.
- (x) What is the use of "scan f" function? Write its syntax.
- (xi) What is the use of format specifiers?
- (xii) Define the use of "getche" function, also write its syntax.
- (xiii) Predict the output of the following code:

```
main ( )
{
    Int a=221;
    print f ("%d" , a%2);
}
```

- (xiv) What is control structure?
- (xv) Describe nested loops.
- (xvi) What is foreign key? Explain its use.
- (xvii) Define entity integrity.

SECTION - C (Marks 21)

Note: Attempt any THREE questions. All questions carry equal marks. (3 x 7 = 21)

- Q. 3** How many selection statements are available in C? Discuss the difference between them. (07)
- Q. 4** Write a program that gets a number from user and passes the number to a function. The function displays the cube of the number. (07)
- Q. 5** Describe the relationships in RDBMS. Explain its different types. (07)
- Q. 6** What is query? Discuss different types of queries. (07)