

GREENLAWNS HIGH SCHOOL
TERMINAL EXAMINATION 2023
COMPUTER SCIENCE PAPER

MARKS : 80

TIME : 2 HOURS

STD : 7 A,B,C

NOTE : ALL THE ANSWERS TO WRITTEN IN THE ANSWER BOOKLET.

- I. FILL IN THE BLANKS : (8 MARKS)
- _____ is a device which is used to keep the computer hardware cool.
 - In the number system, the number of digits is equal to the _____
 - Computers are mainly of two types depending on the data representation and processing : _____ and _____
 - A formula starts with an _____ sign.
 - _____ was the first known cell phone virus.
 - _____ is short for malicious software.
 - A pen drive is as a _____ drive.
 - The base of hexadecimal number system is _____
- II. State whether True or False. If false, correct the underlined word. (6 MARKS)
- In Ms Excel, the default file extension is .exls
 - The CPU is called the brain of the computer.
 - A formula identifies a cell or a range of cells in a worksheet.
 - Norton is an antivirus software.
 - In Ms Excel, the default row height is 10 points.
 - A scanner is an output device.

III. Write the full form of : (3 MARKS)

- a. EEPROM
- b. SMPS
- c. PCB

IV. Name the following : (10 MARKS)

- a. The two main types of VDUs (full form)
- b. The two shortcut keys for UNDO command
- c. The two technologies on which a mouse can be based on
- d. Cell reference for :
 - i. All cells in column D through G
 - ii. The range of cells in row 7 and column M through P
- e. The shortcut key for :
 - i. Selecting a row
 - ii. Selecting a column

V. Answer the following questions :

A. EXPLAIN THE FOLLOWING IN DETAIL (12 MARKS)

- a) The worksheet view options in Ms Excel
- b) Any 3 symptoms of virus attack
- c) The basic functional units of a CPU
- d) The different types of data in Excel

B. Differentiate between : (4 MARKS)

(1 point each)

- a) Soft copy and Hard copy
- b) SRAM and DRAM (NOT FULL FORM)

C. DEFINE : (5 MARKS)

- a) Range
- b) Fill handle
- c) Virus Definitions
- d) Cell pointer
- e) Cell

D. Identify LSD and MSD in 365.15

Why is it called LSD and MSD (3 MARKS)

E. What a virus cannot do ? (2 MARKS)

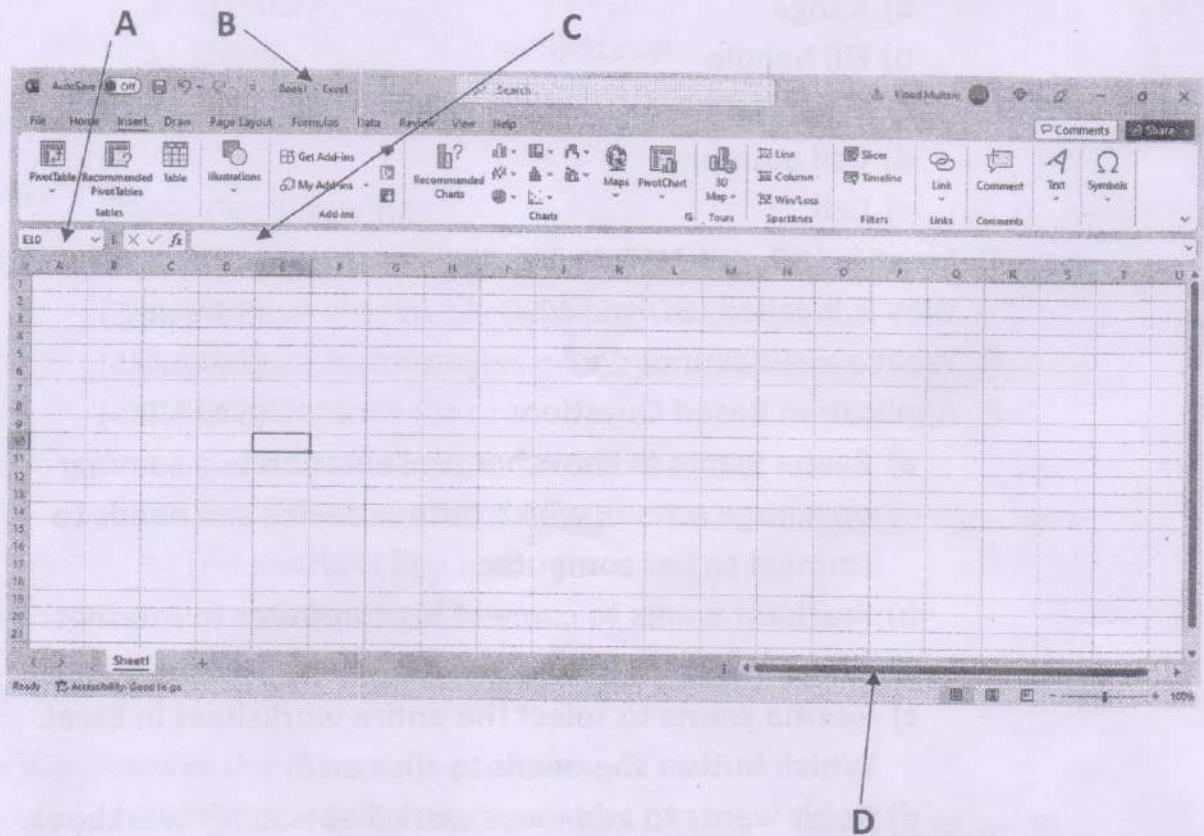
F. Application Based Questions : (5 MARKS)

- a) Rekha wants to show her presentation in a seminar on a large screen, which output device she needs to connect to her computer.
- b) Prashant wants to connect his computer to Internet cable. Which hardware device he requires for it ?
- c) Reema wants to select the entire worksheet in Excel. Which button she needs to click on ?
- d) Rohit wants to add more worksheets in his workbook. What he should do ?
- e) Mehul wants to find the total marks in all subjects. Write the formula for finding the total marks.

	A	B	C	D	E	F
1		ENGLISH	HINDI	MARATHI	MATHS	TOTAL
2	MEHUL	84	85	87	75	
3						
4						
5						

G. Name and the use of A,B,C and D

(8 MARKS)



VI. CONVERT THE FOLLOWING :

(14 MARKS)

(BINARY TO DECIMAL AND VICE VERSA)

- a) 1101.10_B
- b) 56.625_D
- c) 11011.0101_B
- d) 15.750_D
- e) 89_D
- f) 10101_B
- g) 1110.111_B

-----ALL THE BEST-----