

**GREENLAWNS HIGH SCHOOL**  
**TERMINAL EXAMINATION 2023**  
**COMPUTER SCIENCE PAPER**

**MARKS : 80**

**TIME : 2 HOURS**

**STD : 8 A,B,C**

---

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

**I. FILL IN THE BLANKS : (10 MARKS)**

- a. The computer manufacturer stores a small machine language program in the ROM called \_\_\_\_\_ (full form)
- b. \_\_\_\_\_ displays useful bits of information related to the contents of the window
- c. The complex in-built ready-to-use formulas are called \_\_\_\_\_
- d. DNS stands for \_\_\_\_\_
- e. \_\_\_\_\_ and \_\_\_\_\_ are examples of languages processors
- f. The amount of data that can be transmitted in a fixed amount of time through a network is called \_\_\_\_\_
- g. The \_\_\_\_\_ symbol is used for absolute referencing.
- h. \_\_\_\_\_ cables is widely used in cable TV networks.
- i. \_\_\_\_\_ and \_\_\_\_\_ are examples of utility software.
- j. \_\_\_\_\_ shows the path of the application/document opened in the window.

**II. State whether True or False. If false, correct the underlined word. (6 MARKS)**

- a) The ribbon is present below the address bar
- b) Baseband cable can carry multiple signals at a time
- c) Cloud computing is a technology that uses the internet and central remote servers to hold data and applications
- d) The comma symbol is used in specifying a range of cells.
- e) Formula is a sequence of values, cell references, functions and operators in a cell.
- f) Solaris is an example of multithreading OS

**III. Name the following :**

- a) The two mobile operating systems (1 MARK)
- b) The shortcut to edit a cell (1 MARK)
- c) Any four types of charts (2 MARKS)
- d) The two apps for audio/video calls on a tablet (2 MARKS)
- e) The two types of Internet addressing (2 MARKS)
- f) Full form of IMAP (1 MARK)
- g) The shortcut key to open insert function dialog box (1 MARK)
- h) The X axis and Y axis of the chart are also known as (2 MARKS)

**IV. ANSWER THE FOLLOWING :**

**A. Explain :**

- a) The function of an OS : Interface Management (2 MARKS)
- b) Hybrid Apps (2 MARKS)
- c) The rules of an Excel formula (3 MARKS)
- d) The different types of RTOS (3 MARKS)
- e) The different types of Ethernet Cables (2 MARKS)

- B. Write the advantages of :**
- a) GUI (Any 2) (2 MARKS)
  - b) Web Apps (Any 2) (2 MARKS)
  - c) Computer Network (Any 3) (3 MARKS)
  - d) Optical Fibre Cable (Any 2) (2 MARKS)
- C. Differentiate between : (1 POINT EACH)**  
(In tabular form) (no examples/full forms)
- a) System Software and Application Software (2 MARKS)
  - b) PAN and MAN (2 MARKS)
  - c) Hyper text and hyper media (2 MARKS)
  - d) Web portal and website (2 MARKS)
  - e) WAN and CAN (2 MARKS)
  - f) Legends and Gridlines (2 MARKS)
- D. Define :** (8 MARKS)
- a) Bootstrapping
  - b) Chart
  - c) WIMP (NO FULL FORM)
  - d) Bridge
  - e) Extranet
  - f) Cell range
  - g) User Interface
  - h) Sparkline
- E. What is an API ? (No full form)** (2 MARKS)
- F. Write the disadvantages of : (2 EACH)** (4 MARKS)
- a) Native apps
  - b) GUI

**G. APPLICATION BASED QUESTIONS :**

**(5 MARKS)**

- a) Write the formula to calculate total marks secured by Roll no 1
- b) Identify the cell referencing in G2
- c) Write the formula to calculate Minimum marks of Roll No 5
- d) Write the formula to find the number of students given in the worksheet
- e) Write the formula to calculate Maximum marks of Roll No 3

The screenshot shows the Microsoft Excel interface. The ribbon is set to 'Home'. The formula bar shows the formula  $=\$C\$3*B2$  for cell G2. The worksheet contains the following data:

	A	B	C	D	E	F	G	H
1	ROLL NO	ENGLISH	MARATHI	HINDI	MATHS	TOTAL		
2	1	47	35	36	40		1974	
3	2	36	42	45	32			
4	3	25	28	35	48			
5	4	39	46	39	30			
6	5	44	26	42	31			
7								

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