

GREENLAWNS HIGH SCHOOL

TERMINAL EXAMINATION

COMPUTER SCIENCE

STD : 6 A,B,C

MARKS : 60

TIME : 1.5 HRS

I.

A. MULTIPLE CHOICE QUESTIONS (8 MARKS)

- 1. A microcomputer has a __ as its Central Processing Unit.**
 - a) mainframe**
 - b) microprocessor chip**
 - c) terminal**
 - d) scanner**

- 2. Which option opens the dialog box where you can specify the number of rows and columns?**
 - a) Insert Table**
 - b) Split Cells**
 - c) Table Properties**
 - d) Table Styles**

- 3. Which part of the Scratch window displays the title of the application?**
 - a) Menu Bar**
 - b) Sprite Area**
 - c) Title Bar**
 - d) Programming Area**

- 4. Which language is closer to human language?**
 - a) Machine language**
 - b) High-level language**
 - c) Binary language**
 - d) Assembly language**

- 5. Where can you enter a desired value to change the height or width of a cell?**
- a) Table Styles group**
 - b) Rows & Columns group**
 - c) Alignment group**
 - d) Cell Size group**
- 6. Game consoles generally use:**
- a) motion sensors**
 - b) printers**
 - c) scanners**
 - d) plotters**
- 7. Which option allows you to apply different designs and fonts to a table?**
- a) Table Properties**
 - b) Table Styles**
 - c) Split Cells**
 - d) Delete Table**
- 8. What colour are Motion blocks?**
- a) Purple**
 - b) Gold**
 - c) Green**
 - d) Blue**

B. STATE WHETHER TRUE OR FALSE. (8 MARKS)

- 1. Minicomputers allow many users to work together on the system.**
- 2. Right alignment is the default alignment in Ms Word**
- 3. Scratch can be programmed only in online mode**
- 4. In Ms Word the Insert Above and Insert Below options are used to add new rows.**

5. High-level languages are independent of the underlying hardware architecture.
6. Control blocks are available only for Sprites
7. Embedded computers are general-purpose systems.
8. A table is made up of rows and columns

C. NAME THE FOLLOWING

(4 MARKS)

1. A computer that combines PC and scanning functions into a single device.
2. Name the vertical arrangement in a table.
3. Name the panel used to define a Sprite
4. The type of computer commonly used for saving files over the Internet and as a server for networks with many client workstations.

II.

A. APPLICATION-BASED QUESTIONS

(8 MARKS)

1. A company needs a computer that allows many users to work together and supports multiprocessing. Which computer would be appropriate ?
2. A student has entered data in the first cell of the table and wants to move to the next cell. Which key can he use on the keyboard ? (not using the arrow keys)
3. Aman wants to write instructions for a Sprite. Which area of Scratch should he use ?
4. A large company needs a computer capable of supporting thousands of users and applications at the same time. Which computer should it use ?
5. One cell contains too much information and needs to be divided into smaller cells. Which option should be selected ?
6. A Sprite reaches the edge of the Stage and gets stuck. Which command can be added to make it return in the other direction ?

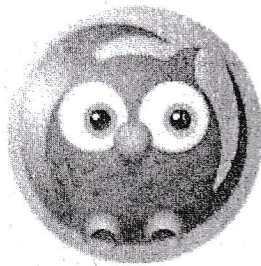
7. A washing machine performs specific functions automatically using a computer system. Which type of computer is being used ?

8. A dog Sprite is moving but appears upside down when it changes direction. Which command should be used ?

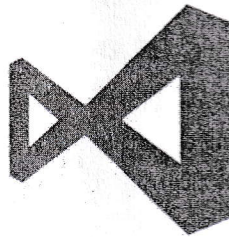
B. PICTURE BASED QUESTIONS

1. IDENTIFY THESE LATEST HIGH LEVEL LANGUAGES A AND B

(2 MARKS)



A



B

2.

i) Name different components of Scratch window

A,B,C,D and E

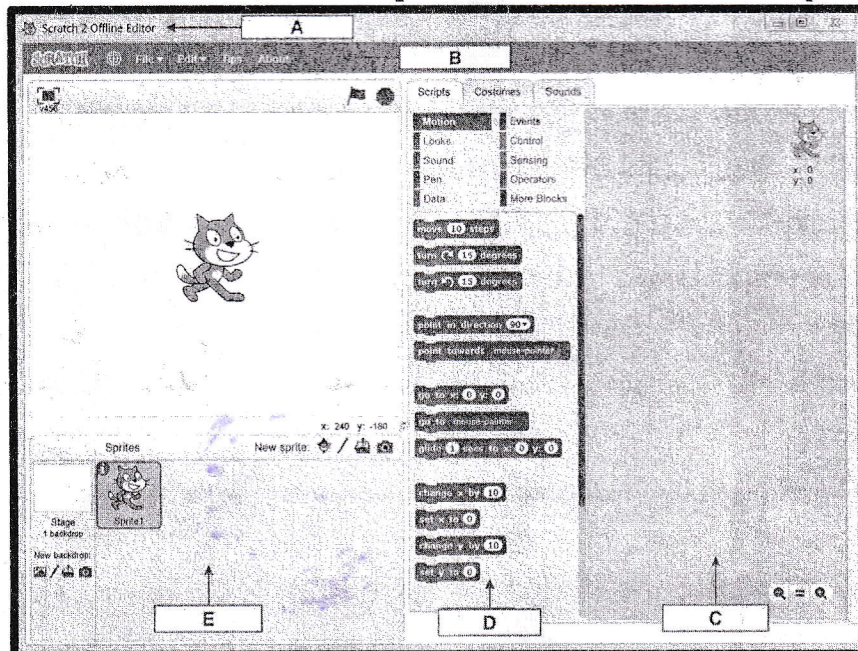
(5 MARKS)

ii) What is default stage background

(1 MARK)

iii) Which is the default sprite

(1 MARK)



C. Differentiate between Compiler and Interpreter with respect to the following points given :

- i. Debugging**
- ii. Memory requirement**
- iii. Display of errors**

(3 MARKS)

III.

A. DEFINE :

(5 MARKS)

- 1. Assembly language**
- 2. Gridlines**
- 3. Programming**
- 4. Fourth Generation Language (4GL)**
- 5. Merge Cells**

B. WRITE THE FULL FORMS OF :

(3 MARKS)

- 1. SQL**
- 2. PDA**
- 3. LSIC**

C. ANSWER THE FOLLOWING :

- 1. Name any two applications of mobile computers**

(2 MARKS)

- 2. Write the two ways of creating a table in MS Word.**

(2 MARKS)

- 3. Why is a translator required for a high-level language ?**

(1 MARK)

- 4. Explain the three tabs of the Actions Library.**

(3 MARKS)

- 5. Why are supercomputers used for weather patterns and aerodynamic calculations ?**

(1 MARK)

- 6. What are the two major groups of personal computers ?**

(2 MARKS)

- 7. What are blocks in scratch**

(1 MARK)

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