



National Level Examination
NLE 2024

Cyber Grade 4

Subject Code:

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Total Questions: 30

Time: 1 hour

DO NOT OPEN THIS BOOKLET UNTIL INSTRUCTED TO DO SO

- All questions are compulsory.
- Read the instructions on the **ANSWER SHEET** and fill in your **NAME, CLASS** and **OTHER INFORMATION**.
- To mark your choice of answer by darkening the circles in the **ANSWER SHEET**, use an **HB PENCIL** only.
- You **MUST** record your answers on the **ANSWER SHEET** only.
- There are **30 MULTIPLE CHOICE QUESTIONS**. Use the information provided to choose the **BEST** possible answer among the four options. On your **ANSWER SHEET** fill in the circle that matches your answer.
- **$\frac{1}{2}$ MARK** will be deducted for every **WRONG ANSWER**.
- Return the **ANSWER SHEET** to the invigilator at the end of the examination.
- You are **NOT** allowed to use a calculator. You may use a ruler and spare paper for rough work.

This question paper contains a total of 30 questions divided into three sections—A, B and C. Read the instructions carefully before attempting these questions.

Section A (Logical Reasoning)

1. Arrange the following words in a dictionary order.

1. Large 2. Lane 3. Lamp 4. Lace 5. Land

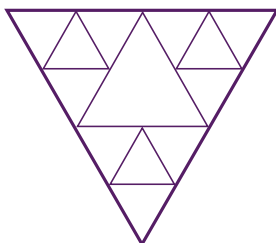
(A) 4, 2, 1, 3, 5

(B) 1, 2, 4, 3, 5

(C) 4, 2, 3, 1, 5

(D) 4, 2, 3, 5, 1

2. Count the number of triangles in the following figure.



(A) 15

(B) 18

(C) 17

(D) 24

3. Tanu is 40 m South-West of Manu. Kanu is 40 m South-East of Manu. Kanu is in which direction of Tanu?

(A) South

(B) East

(C) North-East

(D) West

4. Rohit correctly remembers that Rishabh's birthday was after Tuesday but before Friday. Laxmi correctly remembers that Rishabh's birthday was after Wednesday but before Sunday. On which day of the week does Rishabh's birthday definitely fall?

(A) Wednesday

(B) Thursday

(C) Friday

(D) Saturday

5. Complete the series.

1486, 1352, 1218, 1084, ?

(A) 956

(B) 950

(C) 1014

(D) 1004

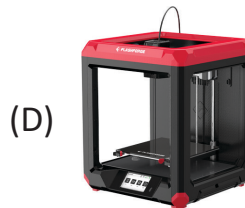
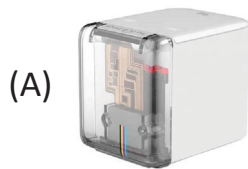


Section B (Subject Specific)

6. Herman Hollerith, an army engineer, built a machine that could read and store data from punched cards. What is the name of that machine?
- (A) Analytical Engine (B) Tabulating Machine
(C) Difference Engine (D) Vacuum tube

7. Which of the following is/are advantage(s) of Scratch programming language?
- (i) It is developed to run in different operating such as Windows, macOS and Linux.
(ii) It is a free program to access and utilize easily.
- (A) Only (i) (B) Only (ii)
(C) Both (i) and (ii) (D) None of these

8. Which of the following is a smallest portable colour printer?



9. Satvik wants to draw a car on the computer. Which software should he use?



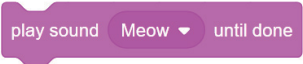
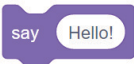

10. Which of the following features of First Generation Computers should be considered correct?
- (A) Huge in size (B) Very expensive
(C) Made up of magnetic tapes (D) Both (A) and (B)





11. Match the PowerPoint views given in Column I to their features in Column II.

Column I	Column II
(a) Normal view	(i) This displays the text of each slide on the left pane.
(b) Reading View	(ii) Displays your notes in Full page format.
(c) Notes page view	(iii) Shows your presentation in a window with simple controls.
(d) Outline View	(iv) The default view of PowerPoint.

- (A) (a) → (i), (b) → (ii), (c) → (iii), (d) → (iv)
(B) (a) → (iv), (b) → (iii), (c) → (ii), (d) → (i)
(C) (a) → (iv), (b) → (i), (c) → (ii), (d) → (iii)
(D) (a) → (ii), (b) → (iv), (c) → (i), (d) → (iii)
12. Yakshi wants to draw a hexagon. Which of the following steps and degree should she use to draw a hexagon?
- (A) Repeat 9 Move 100 Steps Turn 40 degrees
(B) Repeat 4 Move 100 Steps Turn 90 degrees
(C) Repeat 6 Move 100 Steps Turn 60 degrees
(D) Repeat 5 Move 100 Steps Turn 72 degrees
13. How many times should a sprite move and turn to draw a square?
- (A) 3 (B) 4
(C) 5 (D) 6
14. Shanaya is typing a paragraph on Car in the Word now she wants to draw a car in Paint to use in Word. She does not want to exit the Word, but she wants to open and draw in the Paint. Help her to choose the correct option.
- (A) Minimize (B) Maximize
(C) Close (D) Hide
15. Anaya is working on a document. She wants to write a word, sentence or paragraph multiple times. Tell her which command she should use to do so.
- (A) Copy, Paste (B) Cut, Undo
(C) Cut, Paste (D) Copy, Undo



16. Your friend and you have been assigned a task to create a project on the topic Yoga and its benefits in Scratch. You have to add music to the project. How will you do so? Choose the correct block.
- (A)  (B) 
- (C)  (D) All of these
17. In _____ generation Time sharing, Real time, Networks, Distributed Operating System was used.
- (A) 1st (B) 2nd
(C) 5th (D) 4th
18. Which of the following are volatile memory?
- (A) SRAM, DRAM, DVD (B) SRAM, DRAM, CD
(C) SRAM, DRAM, Cache (D) CD, DVD, Cache
19. Which of the following is not a feature of windows 10?
- (A) It is a user-friendly operating system.
(B) It has a CUI that means you need to remember all the commands.
(C) It allows us to run several programs at the same time.
(D) It allows us to create multiple desktops.
20. Format Painter command is found in the _____ group under the _____ tab.
- (A) Clipboard, Home (B) Font, Home
(C) Style, Design (D) Media, Insert
21. Which of the following statements is INCORRECT?
- (A) You should always use a computer to harm people.
(B) You should not use a computer to steal data of other people.
(C) You should not interfere with other people's work on the computer.
(D) You should not snoop around in other people's computer files.

22. The steps to select the Insert/Overtyping mode are given below. Select the correct order.
- (i) Click Overtyping. The Insert/Overtyping button appears on the Status bar.
 - (ii) If the Insert button appears on the Status bar, it means the Insert mode is selected. If you click the Insert button, it will change to Overtyping.
 - (iii) The Customize Status bar menu appears.
 - (iv) Right-click the Status bar.
- (A) (i), (ii), (iii), (iv) (B) (ii), (iv), (i), (iii)
(C) (iv), (iii), (i), (ii) (D) (iv), (iii), (ii), (i)
23. Every slide we insert into our presentation consists of dotted rectangular boxes called _____.
- (A) Screen (B) Placeholders
(C) Work place (D) None of these
24. Swati creates a presentation that consists of 12 slides. She shows the presentation to her brother who asks her to delete some of the unnecessary slides. Which feature of PowerPoint should Swati use to save her time and effort?
- (A) Slide Sorter View (B) Normal View
(C) Reading View (D) Notes Page View
25. Which of these app is used for online payment?
- (A)  (B) 
(C)  (D) 

Section C (Competency Enhancement)

26. Namita is trying to identify the device name on the basis of the following clues:
- It was invented by Blaise Pascal in 1642.
 - It was believed to be the first mechanical calculator of the world.
 - It was capable of performing only addition and subtraction.
- Help her identify the correct device.
- (A) Pascaline (B) Step Reckoner
(C) Difference Engine (D) Analytical Engine



27. Identify the correct statement about plotter.

Statement 1: It is mainly used in desktop publishing offices and by architects to print building construction plans.

Statement 2: It is expensive than printers.

- (A) Only Statement 1 is correct.
- (B) Only Statement 2 is correct.
- (C) Both Statement 1 and Statement 2 are correct.
- (D) Neither Statement 1 nor Statement 2 is correct.

28. Rohan has a program on his computer that can recognise his voice and allow him to record it as audio. Suggest him a hardware device that allows him to send voice as input to that program.



(D) None of these

29. Tanu has names of ingredients for a recipe in a Word document. She wants to apply the bullet style on these names. Here are the steps given to do so. Choose the correct order.

- (i) On the Home tab in the Paragraph group, click on the arrow on Bullets command.
- (ii) Choose the different bullet or number styles.
- (iii) Select the names of ingredients.

- (A) (i) → (ii) → (iii)
- (B) (ii) → (iii) → (i)
- (C) (iii) → (i) → (ii)
- (D) (iii) → (ii) → (i)

30. Mradul wants to install software on his computer that compresses a large file into a smaller size so that it occupies less space and is easy to store. Suggest him software that solves his problem.

- (A) Disk Defragmenter Software
- (B) Antivirus Software
- (C) Compression Software
- (D) Backup Software

