



GRADE 8

CYBER

School Level Examination (SLE) 2025

SUBJECT CODE

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Total Questions: 40

Total Marks: 40

Time: 1 Hour

DO NOT OPEN THIS BOOKLET UNTIL INSTRUCTED TO DO SO

- Carefully fill in your **Name, Class, Roll Number**, and other required details on the **OMR Answer Sheet**.
- Use **only an HB pencil** to fill the OMR Answer Sheet.
- All questions are **compulsory** and carry **one mark** each.
- Only **OMR Answer Sheets** will be evaluated.
- There is **no negative marking** for incorrect answers.
- You may use the **last page** of the question paper for **rough work**.
- **Digital devices** like calculators, smart watches, or mobile phones are **not allowed**.
- After the exam, **submit** both the **OMR Answer Sheet** and the **Question Paper** to the invigilator.

This question paper contains a total of 40 questions divided into three sections - A, B and C.

Section A (Logical Reasoning)

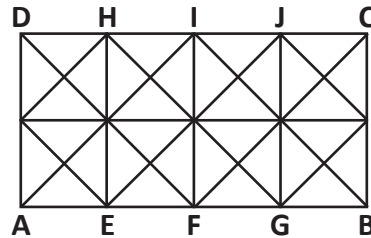
1. Which of the following is exactly middle of \$ and @ in the arrangement given below?

2 3 4 R E 5 D A P \$ 1 T I Q 7 9 B @ 2 K (U 3 M W 5 * J 8 N

- (A) 7 (B) Q
(C) I (D) K
2. Choose the correct mirror image of the given word when the mirror is placed on the left side of the word.

O R A N G E

- (A) ƎᑖNΛƆO (B) OᑖΛNƆE
(C) ƎᑖNΛƆO (D) None of these
3. ABCD is a rectangle with $AB = 2AD$. F, E, G are the mid-points of AB, AF and FB, respectively. The number of square in the given figure is:



- (A) 10 (B) 20
(C) 21 (D) 24
4. Ravi is facing East. He walks 20 m forward and then turns right, walking 10 m. After that, he turns left and walks 25 m. Finally, he turns left again and walks 30 m. In which direction is he heading?
- (A) North (B) South
(C) East (D) West
5. Select the related words from the given alternatives:

Speedometer : Speed : : Thermometer : ?

- (A) Time (B) Distance
(C) Pressure (D) Temperature
6. Select the related letters/words/numbers from the given alternatives.

DFH : LNP : : MOQ : ?

- (A) UWY (B) UXZ
(C) UWX (D) VXZ

7. From the given alternatives, select the word that can be formed using the letters in the word: "COMMUNICATION"
- (A) MOTION (B) ACTIONABLE
(C) NUTRITION (D) COMMITTEE
8. If the digits in the number 2 5 6 7 3 9 4 8 are arranged in ascending order from left to right, what will be the sum of the digits which are fourth from the right and third from the left in the new arrangement?
- (A) 9 (B) 10
(C) 4 (D) 6

Section B (Subject-Specific)

9. Which of these is the Internet standard protocol that allows e-mail clients to retrieve e-mail messages from an e-mail server?
- (A) HTTP (B) FTP
(C) POP3 (D) None of these
10. Which function should be used in the cell A7 to calculate the average of the given marks?

	A
1	Marks
2	98
3	97
4	85
5	89
6	70
7	

- (A) =AVG(A2:A6) (B) =AVERAGE(A2:A6)
(C) =PERCENTAGE(A2:A6) (D) =PERCENT(A2:A6)
11. Identify the purpose of Pseudo-code.
- (A) Denoting the program Flow (B) Program code
(C) For coding the program (D) To write program steps
12. How can you make the selected character superscripted?
- (A) Ctrl + = (B) Ctrl + Shift + +
(C) Alt + Ctrl + Shift + = (D) None of these
13. What is the default data type for a Primary Key?
- (A) Text (B) Number
(C) AutoNumber (D) OLE

14. Match the following image formats to their suitable applications:

(i) JPG	(a) Used for web pages but are not suitable for print
(ii) GIF	(b) Used for web & print photos and quick previews
(iii) PNG	(c) Photoshop Document
(iv) PSD	(d) Animated

- (A) (i) → (b), (ii) → (d), (iii) → (a), (iv) → (c) (B) (i) → (d), (ii) → (b), (iii) → (c), (iv) → (a)
(C) (i) → (a), (ii) → (c), (iii) → (b), (iv) → (d) (D) (i) → (b), (ii) → (a), (iii) → (c), (iv) → (d)

15. Which of the following statement is true?

Statement 1: Entrance adds effect to an object while it appears on the screen.

Statement 2: Exit causes an object to appear on the screen.

- (A) Only Statement 1 (B) Only Statement 2
(C) Both Statements 1 and 2 (D) Neither Statement 1 nor Statement 2

16. What type of language is JavaScript?

- (A) Compiled (B) Interpreted
(C) Scripting (D) Free

17. What does malware stand for?

- (A) Multipurpose software (B) Malfunctioned security
(C) Malfunctioned software (D) Malicious software

18. Match the following:

(i) Machine Learning	(a) A set of rules or instructions given to an AI machine.
(ii) Deep Learning	(b) It allows a machine to predict more accurate results without being explicitly programmed to do so.
(iii) Algorithm	(c) A collection of labelled information that is used to build a machine learning model.
(iv) Training Data	(d) It allows a machine to independently mimic human thought patterns.

- (A) (i) → (d), (ii) → (c), (iii) → (b), (iv) → (a) (B) (i) → (b), (ii) → (d), (iii) → (a), (iv) → (c)
(C) (i) → (c), (ii) → (a), (iii) → (d), (iv) → (b) (D) (i) → (d), (ii) → (a), (iii) → (b), (iv) → (c)

19. What does Two-Factor Authentication (2FA) add to digital security?

- (A) A second layer of security by requiring a code along with a password
(B) Automatically changing passwords every day
(C) Allowing access to all users without verification
(D) Disabling passwords for easier login

- 20. What is the function of the Track Changes feature in MS Word?**
- (A) To count words in a document
 - (B) To highlight all spelling mistakes
 - (C) To review and edit changes made by different users
 - (D) To delete unnecessary text automatically
- 21. What is the function of the Normalization process in DBMS?**
- (A) To remove duplicate data and organise the database efficiently
 - (B) To convert database files into text files
 - (C) To create backups of the database
 - (D) To create multiple copies of the same data
- 22. How will Word respond in case you have typed a repeated word?**
- (A) A Red wavy line will appear under the repeated word
 - (B) A Blue wavy line will appear under the repeated word
 - (C) A Green wavy line will appear under the repeated word
 - (D) None of these
- 23. What is the full form of MPEG?**
- (A) Moving Picture Experts Group
 - (B) Multi-Purpose Electronic Graphics
 - (C) Multimedia Photo Editing Guide
 - (D) Motion Processing Enhanced Graphics
- 24. Which field of AI focuses on enabling computers to understand and process human language?**
- (A) Machine Learning
 - (B) Computer Vision
 - (C) Natural Language Processing (NLP)
 - (D) Cybersecurity
- 25. Why is SMS-based OTP considered less secure than app-based authentication?**
- (A) It requires internet
 - (B) SMS is faster than email
 - (C) SMS can be intercepted or redirected via SIM swapping
 - (D) OTP apps do not expire
- 26. What is the main function of PivotTables in Excel?**
- (A) To format tables with colors
 - (B) To summarise, analyse, and organise data dynamically
 - (C) To perform spell check in the worksheet
 - (D) To remove duplicate values

27. Which Google app can we use to create and manage spreadsheets online?
- (A) Google Docs (B) Google Sheets
(C) Google Slides (D) Google Drive
28. What is the main advantage of using fiber optic cables in networking?
- (A) High speed and long-distance data transmission (B) It is the cheapest cable available
(C) It is easier to install than wireless networks (D) It requires no maintenance

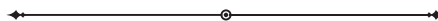
Instruction: Q. 29 to 33 are two-key based questions having four options A, B, C and D out of which TWO are correct.

29. Which of the following objects can be used to display data in an interactive way in MS Access?
- (A) Tables (B) Queries
(C) Forms (D) Reports
30. When a cell is in edit mode in Excel, which of the following options are visible or active?
- (A) The Cancel Button (B) The Save Button
(C) The Enter Button (D) The Print Button
31. Which of the following is/are a type of antivirus software?
- (A) McAfee (B) Quick Heal
(C) Word (D) Excel
32. Which of the following can be used to enhance the background of a PowerPoint slide?
- (A) Spell Check (B) WordArt
(C) Gradient (D) Texture
33. Which of the following is / are the advantages of bus topology?
- (A) Less expensive than a star topology due to less footage of cabling and no network hubs.
(B) Good for smaller networks not requiring higher speeds.
(C) Difficult to troubleshoot.
(D) Difficult to find the fault.

Section C (Competency Enhancement)

34. Ashish was extremely happy when he received an e-mail that he has won a lottery worth Rs. 10,00,000. He told this good news to his friend Rahul. Rahul explained to him that it is a fraud. Which of the following are common tricks to hack your computer or steal information?
- (A) Free unauthorised software (B) Secret investment opportunity
(C) Suddenly winning a big lottery (D) All of these

35. Students are tasked with planning the logic of a program using a tool that allows writing program instructions in plain language. Which program planning tool is commonly used for this purpose?
- (A) Flowchart (B) Pseudo-code
(C) Program (D) Looping
36. Which object in Access is used to retrieve specific data by filtering records?
- (A) Query (B) Table
(C) Form (D) Report
37. Priya wants to write H₂O in her web page. Which HTML tag should she use to display the subscript in H₂O?
- (A) <SUP> (B) <P>
(C) <I> (D) <SUB>
38. Ryan is designing a database and wants to ensure data consistency between two related tables. What should he do to establish a proper relationship between them?
- (A) The foreign key of one table should reference the primary key of another table.
(B) Select a field from the child table and make it the primary key of the parent table.
(C) Use the same field name in both tables without setting keys.
(D) Duplicate all records in both tables to maintain consistency.
39. A teacher wants to explain the solar system to students using a PowerPoint presentation. To make the concept more engaging, they decide to add an animated video to one of the slides. Which option should they use?
- (A) Insert → Audio (B) Insert → Pictures
(C) Insert → Video (D) Insert → Tables
40. Columns are frequently used in newspaper articles, newsletters, and flyers. Word also allows us to make changes to our columns by inserting column breaks. Which of the following is used to make newspaper columns?
- (A) Format Tabs (B) Table → Insert Table
(C) Insert → Textbox (D) Page Layout → Columns



SPACE FOR ROUGH WORK