



GRADE 9

CYBER

School Level Examination (SLE) 2025

SUBJECT CODE

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Total Questions: 50

Total Marks: 50

Time: 1 Hour

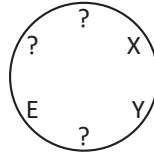
DO NOT OPEN THIS BOOKLET UNTIL INSTRUCTED TO DO SO

- 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 50 questions divided into three sections - A, B and C.

Section A (Logical Reasoning)

1. Insert the missing letters so that the word formed is the name of a gas when read clockwise.



- (A) E, M, M (B) O, G, N
(C) O, P, R (D) O, I, E
2. A postman was returning to the post office which was in front of him to the north. When the post office was 100 metres away from him, he turned to the left and moved 50 metres to deliver the last letter at Shantivilla. He then moved in the same direction for 40 metres, turned to his right and moved 100 metres. How many metres was he away from the post office?
- (A) 0 (B) 150
(C) 90 (D) 100
3. A clock is set right at 8 am. The clock uniformly loses 24 min in a day. What will be the right time when the clock indicates 4 pm on the next day?
- (A) 4:22 pm (B) 4:38 pm
(C) 4:28 am (D) 4:32 pm
4. If clock is called television, television is called radio, radio is called oven, oven is called grinder and grinder is iron, in what will a lady bake?
- (A) Radio (B) Oven
(C) Grinder (D) Iron
5. Obdurate : Flexible :: Garrulous : ?
- (A) Talkative (B) Silent
(C) Angry (D) Friendly
6. Arrange the given words in the sequence in which they occur in the dictionary and then choose the correct sequence.
1. Capture
 2. Captain
 3. Capsule
 4. Caption
 5. Capricious
- (A) 5, 4, 1, 3, 2 (B) 5, 4, 1, 2, 3
(C) 5, 1, 4, 2, 3 (D) 5, 3, 2, 4, 1
7. In a certain code language:
- 'lom gri tak' means 'birds fly high', 'tak zun kri' means 'fly very fast', 'gri zun pik' means 'very high speed'. Which word represents 'birds'?
- (A) lom (B) tak
(C) gri (D) zun

8. 529 is related to 81 04 25 in the same way as 647 is related to:
- (A) 16 36 49 (B) 49 16 36
(C) 36 49 16 (D) 49 36 16
9. What is the value of 1 nanosecond (1 ns)?
- (A) 0.000001 or 10^{-6} Second
(B) 0.000000001 or 10^{-9} Second
(C) 0.001 or 10^{-3} Second
(D) 0.000000001 or 10^{-5} Second
10. Which of these is the default setting of margins on top and bottom in a Word document?
- (A) 1.0" (B) 0.83"
(C) 0.81" (D) 0.80"

Section B (Subject-Specific)

11. What does the #NAME? error in Excel indicate?
- (A) A function is misspelled
(B) There is a missing value
(C) A number format issue
(D) The data type is incorrect
12. Which of these is not an example of cyberbullying?
- (A) Copying a classmate's personal photo against his/her permission from his social media account and sending it to other friends via emails
(B) Posting mean messages about someone on their social media
(C) Bullying a classmate in the school corridor
(D) Threatening someone on WhatsApp
13. Identify the correct option regarding Transition in PowerPoint.
- (i) Duration (a) Used to apply the current slide's transition effect and timing settings to all the slides of the presentation
(ii) Apply To All (b) Used to play the current slide's transition
(iii) After (c) Used to specify the length of the transition
(iv) Sound (d) Used to specify the time (in seconds) after which the next slide will appear
(v) Preview (e) Used to specify the sound to play for the current transition
- (A) (i) → (d), (ii) → (e), (iii) → (c), (iv) → (b), (v) → (a)
(B) (i) → (d), (ii) → (a), (iii) → (c), (iv) → (e), (v) → (b)
(C) (i) → (d), (ii) → (e), (iii) → (c), (iv) → (a), (v) → (b)
(D) (i) → (c), (ii) → (a), (iii) → (d), (iv) → (e), (v) → (b)
14. Which of the following defines the server?
- (A) A powerful computer that provides services to other computers.
(B) A computer that asks for the services.
(C) A physical connection between devices.
(D) A circuit board with the components to send/receive data.

15. If $x = 30$, $y = 20$, and $z = 10$, what will be the output of the following pseudocode?

```
if (x > y) then
    if (y > z) then
        Display(x + y + z)
    else
        Display(x - y - z)
else
    Display(x * y * z)
```

- (A) 40 (B) 60
(C) 90 (D) 70
16. Which type of malware records user keystrokes to steal passwords and sensitive data?
(A) Spyware (B) Keylogger
(C) Adware (D) Virus
17. What will be the output of the following pseudocode?
if (True) then
 Display("Hello")
else
 Display("Hi")
(A) indentation (B) Hello
(C) Hi (D) Nothing will print
18. Which of the following is the purpose of a VPN?
(A) To increase the speed of the internet (B) To encrypt the internet connection and protect privacy
(C) To improve network traffic management (D) To prevent website pop-ups
19. What is the correct syntax for the VLOOKUP() function in Excel?
(A) =VLOOKUP(lookup_value, table_array, col_index_num, [range_lookup])
(B) =VLOOKUP(lookup_value; table_array; row_index_num; range_lookup)
(C) =VLOOKUP(lookup_value: table_array, col_index_num, range_lookup)
(D) =VLOOKUP(lookup_value, col_index_num, table_array, [range_lookup])
20. Which of the following is the correct way to create a hyperlink to an email?
(A) Demo
(B) Demo
(C) Demo
(D) Demo
21. A game based on which animated franchise propelled augmented reality (AR) into the mainstream in recent years?
(A) Fortnite (B) Super Mario
(C) World of Warcraft (D) Pokemon
22. What is the function of DNS in the internet?
(A) Encrypts internet traffic (B) Converts domain names into IP addresses
(C) Provides internet speed analysis (D) Blocks unsafe websites

23. In PowerPoint, what is a trigger in the context of animations?
- (A) The name of a motion path
 - (B) An item on the slide that performs an action when clicked
 - (C) An action button that advances to the next slide
 - (D) None of these
24. Which of the following attributes is used to set the display position of the text in a cell horizontally?
- (A) VALIGN
 - (B) ROWSPAN
 - (C) ALIGN
 - (D) COLSPAN
25. Which of the following symbols is used in the flowcharts to take an input from the user?
- (A) Diamond
 - (B) Rectangle
 - (C) Oval
 - (D) Parallelogram
26. Which of the following file formats is typically used as a data source in Mail Merge?
- (A) .png
 - (B) .xml
 - (C) .xlsx
 - (D) .jpg
27. Which of the following is used to transfer files over the internet?
- (A) SMTP
 - (B) FTP
 - (C) POP
 - (D) IMAP
28. What is the special feature in a spreadsheet that automatically generates a predefined series of data once the user enters the initial data?
- (A) Automatic Fill
 - (B) Custom List
 - (C) Wrap Text
 - (D) AutoFill
29. When does a man-in-the-middle (MITM) attack occur?
- (A) A computer network is infected with a virus
 - (B) A website is hacked to steal user credentials
 - (C) An attacker intercepts communication between two parties
 - (D) Unauthorized users gain access to sensitive information on a system
30. Which of the following is NOT an advantage of UDP?
- (A) It is faster than TCP due to the absence of connection establishment.
 - (B) It is suitable for real-time applications like VoIP and online gaming.
 - (C) It provides error detection and correction to ensure data integrity.
 - (D) It has a smaller header size compared to TCP, reducing overhead.
31. Which of the following is not a common method for securing a network?
- (A) Encryption
 - (B) Firewalls
 - (C) Password protection
 - (D) Pop-up blocking
32. Which of the following is NOT a valid HTML tag?
- (A) <list>
 - (B) <h6>
 - (C) <table>
 - (D) <p>
33. What is the branch of technology that deals with the design, construction, operation, and application of robots called?
- (A) Electronics
 - (B) Simulation
 - (C) Robotics
 - (D) Augmentation

34. What is the result of the formula =A1 + \$B\$1 if the formula is copied from cell C1 to C2?
- (A) A1 changes to B1, \$B\$1 changes to \$B\$2. (B) Both A1 and \$B\$1 change.
 (C) A1 remains unchanged, \$B\$1 changes. (D) A1 changes to A2, \$B\$1 remains unchanged.
35. Identify the missing step in the following algorithm to calculate the sum of the first 5 natural numbers.
- Start
 - Set a variable Sum to 0
 - Set a variable Count to 1
 - Repeat Steps 5 and 6 five times
 - _____
 - Increment Count by 1
 - Print Sum
 - Stop
- (A) Set Count to 5 (B) Add Count to Sum
 (C) Print Count (D) Set Sum to 5

Instruction: Q. 36 to 40 are two-key based questions having four options A, B, C and D out of which TWO are correct.

36. Which of the following hardware are needed to setup a computer network?
- (A) Network Cards (B) Network Data
 (C) Network Cables (D) Network Topology
37. A structured program can be easily broken down into which components that can be assigned to multiple programmers?
- (A) routines (B) modules
 (C) segments (D) units
38. Which of the following are correct ways to start a slideshow in PowerPoint?
- (A) Slide Show → From Beginning (B) Design → Start Slideshow
 (C) Pressing the F5 key (D) Home → Start Presentation
39. Which of the following are examples of Augmented Reality (AR)?
- (A) WhatsApp video calls (B) Facebook camera effects
 (C) Facebook comments (D) Snapchat filters
40. QWERTY refers to:
- (A) Arrangement of hardware parts of a standard computer or mobile devices.
 (B) Arrangement of keys on a standard English computer keyboard.
 (C) Arrangement of only function keys on a standard English computer keyboard.
 (D) Arrangement of keys on a standard English computer typewriter.

Section C (Competency Enhancement)

41. Sandeep has prepared a rough list of clothes which have to be bought for Diwali Puja for his entire family. He wants to finalise it in Word so that it looks formal and can be e-mailed to his father. Which of the following would help him accomplish this task?
- (A) List (B) Bullets & Numbering
 (C) Table (D) Mail Merge

42. You are working for a small business as a computer technician. You notice that one of your colleagues shuts down her computer by pressing the power button instead of using the shutdown process of the operating system. You inform her that this is not a good practice. Which of the following is the reason not to do so?
- (A) Loss of data permanently (B) Memory runs out of space
(C) Duplicate files created in memory (d) Unwanted software installed
43. Ankit is writing an essay in MS Word and wants to ensure that all his headings are consistently formatted with the same font style and size. He also wants to apply the same formatting to subheadings across the document. Which tool will help him apply formatting quickly and uniformly?
- (A) Font Dialog Box (B) Format Painter
(C) Text Highlight Color (D) Insert Table
44. Riya wants to create a digital sign-up form for her school's upcoming event to collect participant details efficiently. She heard about a new app from Google that offers advanced features for creating interactive forms. What is the name of this app?
- (A) Google Drive (B) Google Sheets
(C) Google Forms (D) Google Slide
45. Puneet is collecting data from social media platforms. He collected a large amount of data but he wants specific information about it. Which NLP application would help him?
- (A) Automatic Summarization (B) Information Overload
(C) Computer Vision (D) Data Science
46. Arjun is creating a webpage where users can enter their email address and submit it through a form. He wants to make sure the browser checks for a valid email format automatically. Which HTML5 input type should he use?
- (A) `<input type="text">` (B) `<input type="mail">`
(C) `<input type="submit">` (D) `<input type="email">`
47. Mr. John is a small businessman who runs a hardware company. He has been experiencing problems with his accounting department, which he depends on to provide sales reports. He wants to share information among his seven computers and have a central printing area. What type of network would you recommend to Mr. John?
- (A) LAN (B) MAN
(C) WAN (D) None of these
48. Arya is using a voice assistant on her phone that responds when she says "What's the weather today?" The assistant listens, understands her question, and replies with relevant information. Which AI technology is being used here?
- (A) Image Recognition (B) Natural Language Processing
(C) Machine Learning (D) Robotics
49. Himesh wants to display the marks obtained in Maths, English, Science and Computer Science on the web page. Suggest him a best-suited HTML tag that helps him in completing the task.
- (A) `<FORM>` Tag (B) `<TABLE>` Tag
(C) `<PRE>` Tag (D) `<HR>` Tag
50. Neha is preparing a list of student scores and wants to highlight all scores below 35 in red to identify failing marks. She wants Excel to do this automatically based on conditions. Which feature should she use?
- (A) Data Validation (B) Cell Styles
(C) Conditional Formatting (D) Filter



SPACE FOR ROUGH WORK