



National Level Examination
NLE 2024

CYBER

Grade 6

Subject Code:

5	0	1
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Total Questions: 40

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 a **BLUE/BLACK BALL PEN** only.
- You **MUST** record your answers on the **ANSWER SHEET** only.
- There are **40 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 40 questions divided into three sections - A, B and C. Read the instructions carefully before attempting these questions.

Section A (Logical Reasoning)

- If Pen is called Wood, Wood is called Fan, Fan is called Chair, Chair is called Grass, then on which of the following will a person sit?

(A) Fan	(B) Wood
(C) Chair	(D) Grass
- C is A's father's nephew. D is A's cousin but NOT the brother of C. How is D related to C?

(A) Father	(B) Sister
(C) Mother	(D) Aunt
- A postman was returning to the post office which was in front of him to 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) 90
(C) 150	(D) 100
- Find the odd one out.

(A) Jogging	(B) Jumping
(C) Running	(D) Exercising
- A group of 1200 persons consisting of captains and soldiers is travelling in a train. For every 15 soldiers there is one captain. The number of captains in the group is _____.

(A) 85	(B) 80
(C) 75	(D) 70
- Count the number of triangles in the given figure.

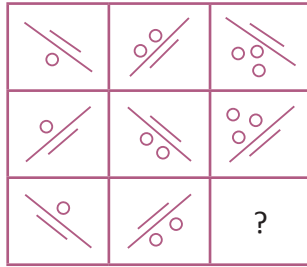


- | | |
|--------|--------|
| (A) 21 | (B) 25 |
| (C) 23 | (D) 27 |
- If Raman is to the South of Shyam and Mohan is to the East of Shyam, in which direction is Raman with respect to Mohan?

(A) North-East	(B) North-West
(C) South-East	(D) South-West

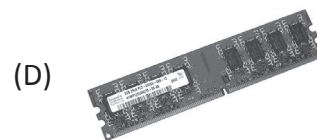


8. Choose the correct option with the appropriate image to replace the question mark.



Section B (Subject Specific)

9. Which of these is used for giving inputs to the computer?



10. What does FAT stands for?

- (A) File allocation table
- (C) Full allocation toy

- (B) File allotment table
- (D) Final allocation table

11. Which of the following is an AI-based coding platform?

- (A) CodeMonkey
- (C) Emoji Scavenger Hunt

- (B) Thing Translator
- (D) Shadow Art

12. AutoDraw is developed by _____.





13. What is an agribot?

(A) A robot deployed for agriculture purpose.	(B) A robot deployed for plant nursing.
(C) A robot working cooperatively	(D) A robot involved in robotic harvesting.
14. You have multiple applications open, and you want to quickly switch between them. What feature on the Windows 10 taskbar helps you with this?

(A) Start Menu	(B) System Tray
(C) Quick Launch	(D) Taskbar Buttons
15. Rahul wants to insert a caption in the image inserted. Help him to choose appropriate group of commands from the following:

(A) Select image → Click References Tab → Caption	(B) Select image → Click View Tab → Caption
(C) Click Format Tab → Click References → Caption	(D) Select image → Caption
16. You have to visit a website but can't remember its address. Which element helps you identify and reach the website?

(A) URL	(B) IP Address
(C) Domain Name	(D) Browser Link
17. What are lines, curve, freeform, and scribble?

(A) Emphasis effects	(B) Types of custom motion paths
(C) Predefined entrance effects	(D) Animations
18. You are working on a presentation, and you want to ensure that each bullet point appears on the slide one at a time. Which feature in PowerPoint would you use?

(A) Slide Transition	(B) Animation
(C) Design Ideas	(D) Font Styles
19. Sam received an email from an unknown sender with a suspicious attachment. What action should he take to ensure the security of your computer?

(A) He should open the attachment	(B) He should delete the email
(C) He should reply to the sender	(D) He should mark as unread
20. To securely log in to a website, there is two-factor authentication. What is the additional factor commonly used for authentication besides the password?

(A) Security Question	(B) One-Time Password
(C) CAPTCHA	(D) Username
21. You're collaborating on a document with a classmate, and you want to track changes made by each person. What Word feature would you enable for this purpose?

(A) Track Changes	(B) Spell Check
(C) Comments	(D) AutoSave





22. In Excel, to quickly find the average of a column of numbers. Which Excel function can be used for this purpose?
- (A) SUM (B) MAX
(C) COUNT (D) AVERAGE
23. Imagine you have a list of numbers in Python, and you want to find the sum of all the even numbers in the list. Which loop structure would you use for this task?
- (A) for loop (B) while loop
(C) if statement (D) switch statement
24. Match the following:

(i) Makes the object move in a specified pattern	(p) Exit Animation Effect
(ii) It causes object to disappear from the screen	(q) Animation Pane
(iii) View animations applied to slide from	(r) Selecting the Timings Group
(iv) We can add timing of transition by	(s) Motion Paths

- (A) p → (iii), q → (iv), r → (i), s → (ii) (B) p → (iv), q → (i), r → (ii), s → (iii)
(C) p → (i), q → (ii), r → (iii), s → (iv) (D) p → (ii), q → (i), r → (iv), s → (iii)
25. What is the purpose of the `elif` keyword in Python?
- (A) It indicates the end of a loop.
(B) It is used for exception handling.
(C) It is a shorthand for “else if” and is used in conditional statements.
(D) It stands for “element if” and is used for list comprehensions.
26. If auto calculation mode of Excel is disabled, then _____ key is pressed to recalculate all the opened workbooks and worksheets.
- (A) Alt + Ctrl + Shift + F2 (B) Alt + Ctrl + Shift + F9
(C) Alt + Ctrl + Shift + F5 (D) Alt + Ctrl + Shift + F6
27. Choose the correct email address.
- (A) user@<domain@com> (B) user.<domain.com>
(C) user.<domain@com> (D) user@<domain.com>
28. How to get the type of a variable in Python?
- (A) print(typeOf(a)) (B) print(typeof(a))
(C) print(type(a)) (D) None of these

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. The feature(s) of good program are _____.
- (A) Every program should have one entry and one exit point.
(B) Documentation statement should be there for clarity of expressions.
(C) Instructions should not be logically arranged.
(D) None of these





30. Artificial intelligence can be defined as
- (A) Ability to learn and make decisions.
 - (B) Programming with your own intelligence.
 - (C) Upgrading memory of computer.
 - (D) An ability to store previous data and predictions.
31. Which of these are NOT types of microphones?
- (A) Headsets
 - (B) Flatbeds
 - (C) Desk-mounted
 - (D) Drum
32. Which of the following action(s) will help you close any open window or dialog box?
- (A) Clicking(X) on the upper right corner of the window.
 - (B) Pressing Alt+F4 shortcut key.
 - (C) Shutting down the window.
 - (D) Clicking (-) on the upper right corner of the window.
33. The first cell of Excel 2016 workbook is _____ and last cell is _____.
- (A) A1
 - (B) A0
 - (C) XFD65536
 - (D) XFD1048576

Section C (Competency Enhancement)

34. Tanya wants to create animation-based applications. _____ can be used for creating animation based applications.
- (A) Word
 - (B) Photoshop
 - (C) Adobe Animate
 - (D) Excel
35. Garvita has no option to format her table for her presentation. Her friend suggested her to apply the predefined table styles. Suggest the correct option she should select:
- (A) Insert → Table → Table Design
 - (B) Select Table → Table Design → Click on drop down → Select the design to be applied.
 - (C) Design → Table → Table Design
 - (D) Insert → Table → Table Design
36. Kavya wants to create a symbol in Animate CC for special effects, animation, and interactivity. Which of the following are the different types of symbols available in Animate CC?
- (A) Movie Clip Symbol
 - (B) Button Clip Symbol
 - (C) Graphic Symbol
 - (D) All of these
37. Statement 1: Netiquettes are the etiquette on Internet.
Statement 2: Sending an email without a subject line is not a good netiquette.
- (A) Statement 1 is true
 - (B) Statement 2 is true
 - (C) Both the statements are true
 - (D) Both the statements are false



38. Which option will be used to fill the given data without using keyboard?

	A	B
1	Sno	Month
2	1	Jan
3	2	Feb
4	3	Mar
5		
6		
7		
8		
9		
10		
11		

- (A) Wrap Text (B) Auto Fill
(C) Growth (D) Rectangular
39. Raghav went to visit his uncle in CCU as he was admitted due to critical heart condition. He was surprised to see the machine which was continuously measuring various vital statistics of a patient. He was being told by his cousin that it is a type of computer, which is measuring the vital statistics and displaying it in digital form, Name the device out of given option(s).
- (A) Hybrid computer (B) Analog computer
(C) Digital computer (D) Calculator
40. Ayan was going through the article on "Generation of Languages". While reading the article he came to know that C++ is an example of third generation language and third generation languages are commonly known as _____.
- (A) Middle level languages (B) Easy to learn languages
(C) High Level Languages (D) Very high level language



