



School Level Examination
SLE 2024

SET:

I

GRADE
8

CYBER

Subject Code:

5	0	1
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Total Questions: 40

Total Marks: 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, darken the circles in the **ANSWER SHEET**, use a **BLUE/BLACK BALL-POINT PEN** only.
- * You **MUST** record your answers on the **ANSWER SHEET** only.
- * There are **40 MULTIPLE CHOICE QUESTIONS**. Each question carries one mark. Use the information provided to choose the **BEST** possible answer among the four options. On your **ANSWER SHEET** darken the circle that matches your answer.
- * Marks are **NOT** deducted for incorrect answers.
- * 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.

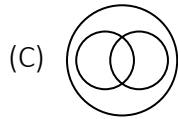
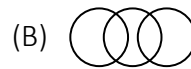
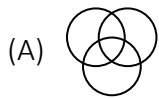
Section A (Logical Reasoning)

1. Choose the correct option.

c ___ bba ___ cab ___ ac ___ ab ___ ac

- (A) abcbc (B) acbcb
(C) bacc (D) bcacb

2. Which of the following Venn Diagrams best represents the relationship among "Tennis fans, Cricket players and students"?



3. If the seventh day of the month is two days earlier than Saturday, what day will it be on the eighteenth day of the month?

- (A) Sunday (B) Monday
(C) Wednesday (D) Friday

4. 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) 10 (B) 9
(C) 4 (D) 6

5. Five students are sitting in a row. 'Tanuj' is on the right of 'Priya'. 'Mansi' is on the left of 'Priya' but is on the right of 'Lokesh'. 'Tanuj' is on the left of 'Karun'. Who is sitting first from the left?

- (A) Priya (B) Karun
(C) Tanuj (D) Lokesh

6. Kamal is standing facing North. He goes 30 m ahead and turns left and goes for 15 m. Now, he turns right and goes for 50 m and finally turns to his right and walk. In which direction is he heading?

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

7. Select the missing number from the given responses.

14	25	42
2	4	6
3	3	?
4	7	9

- (A) 3 (B) 4
(C) 6 (D) 7
8. If in a certain code SAND is VDQG and BIRD is ELUG, then what is the code for LOVE?
- (A) PRYG (B) ORTG
(C) NPUH (D) ORYH

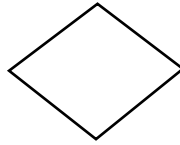
Section B (Subject Specific)

9. The default data type for Primary Key is _____.
(A) Text (B) Number
(C) AutoNumber (D) OLE
10. The creator of _____ called it the “imitation game” initially.
(A) The Logical Theorist (B) The Turing Test
(C) Cybernetics (D) LISP
11. Which of the given options can give the following output?
 $4\overset{7}{a}\underset{b}{}{}$
- (A) `<html>`
`<body>`
`4^a7^b`
`</body>`
`</html>`
- (B) `<html>`
`<body>`
`4_a7_b`
`</body>`
`</html>`
- (C) `<html>`
`<body>`
`_{4a7b}`
`</body>`
`</html>`
- (D) `<html>`
`<body>`
`^{4a7b}`
`</body>`
`</html>`

12. Which of the following is the correct way to access the rehearse timing feature in MS PowerPoint?

- (A) Slide Show tab → Set Up group → Rehearse Timings
- (B) Review tab → Slide group → Rehearse Timings
- (C) Setup tab → Timings group → Rehearse
- (D) Slide Show tab → Timings group → Rehearse

13. The following box denotes _____.



- (A) Decision
- (B) Initiation
- (C) Initialization
- (D) Input and Output

14. This algorithm takes advantage of the limitations of the human visual senses and discards information that would not be sensed by the eye. What is it called?

- (A) minimal compression
- (B) transform coding compression
- (C) lossy compression
- (D) huffman coding compression

15. Gaurav is planning to steal Atul's presentation and present it as his own. What is the practice of taking someone else's idea or creation without his/her permission called?

- (A) Plagiarism
- (B) Phishing
- (C) Spamming
- (D) Stalking

16. The function of given icon in MS Word is _____.



- (A) To mark the document as final
- (B) To insert an index into the document
- (C) Merge document to PDF files
- (D) Insert Flash Video

17. 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) → (a), (iv) → (b)
- (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)

18. For absolute cell referencing, always place a _____ sign within the cell addresses in the formula.
 (A) \$ (B) #
 (C) % (D) &
19. _____ refers to the system of recording information which makes it difficult or impossible to change, hack, or cheat the system.
 (A) Cloud Computing (B) Blockchain
 (C) Big Data (D) IoT
20. Which of the following is not an advantage of a flowchart?
 (A) Improper documentation (B) Efficient coding
 (C) Systematic testing (D) Better communication
21. The network signals are weak in a company. Recognize the network device used in order to boost a weak signal.
 (A) Gateway (B) Modem
 (C) Repeater (D) Router
22. Which attribute should be used with the TD tag in order to horizontally merge 2 cells?
 (A) Mergerow = 2 (B) mergecolspan = 2
 (C) rowspan = 2 (D) colspan = 2
23. _____ in Animate is used to hide a selected part and display content.
 (A) Layer (B) Masking
 (C) Action script (D) Formatting
24. The Code Red is a sort of a _____.
 (A) Video Editing Software (B) Computer Virus
 (C) Photo Editing Software (D) Antivirus Program
25. How can you make the selected character Superscript?
 (A) Ctrl + = (B) Ctrl + Shift + +
 (C) Alt + Ctrl + Shift + = (D) None of these
26. Name the computer programs that mimic the way the human brain processes information.
 (A) Machine Learning (B) Deep Learning
 (C) Neural Networks (D) Computer Vision
27. Which of the following option lets you view the slide show from the current slide?



28. What is normalization in DBMS?
- (A) The process of organizing data to minimize redundancy.
 - (B) The process of creating a backup of the database.
 - (C) The process of securing the database from unauthorized access.
 - (D) The process of deleting unwanted data from the database.

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. What are the advantages of Algorithm?
- (A) It follows a rigid structure.
 - (B) It follows a definite procedure.
 - (C) It is not easy to debug.
 - (D) Every step in an algorithm has its own logical sequence.
30. 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) If the central bus cable fails, the entire network goes down.
 - (D) It can handle a limited number of devices.
31. Which tools do we use to create a query object?
- (A) Database wizard
 - (B) Simple filer wizard
 - (C) Crosstab query wizard
 - (D) Simple query wizard
32. Which of the following fill effects can be used to fill the background of the slide?
- (A) Mail
 - (B) Texture
 - (C) Gradient
 - (D) Thesaurus
33. Data can be arranged in a worksheet in an easy to understand manner using _____ and _____.
- (A) Auto formatting
 - (B) Applying styles
 - (C) Same color
 - (D) Same font

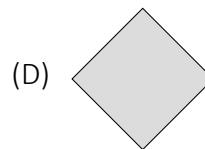
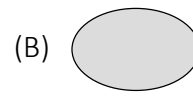
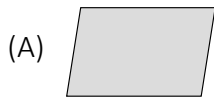
Section C (Competency Enhancement)

34. Sanya loves to converse with Alexa and Siri in her free time to improve her General Knowledge. Which domain of AI is she working on?
- (A) Machine Learning
 - (B) Data Science
 - (C) Natural Language Processing
 - (D) Computer Vision

35. Amit wants to display the text with scrolling effect in his HTML webpage. Which tag should he use?
- (A) <scroll> (B) <marquee>
(C) <div> (D) None of these
36. Priya is confused about the different icons related to different views in MS PowerPoint. Help her recognise them by choosing the right order given below.



- (A) Outline View, Notes Page, Reading View, Normal View, Slide Sorter
(B) Notes Page, Outline View, Reading View, Normal View, Slide Sorter
(C) Outline View, Notes Page, Reading View, Slide Sorter, Normal View
(D) Notes Page, Outline View, Reading View, Slide Sorter, Normal View
37. 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 Tab (B) Table → Insert Table
(C) Insert → Textbox (D) Layout → Columns
38. Harsh was trying to bully his classmate on social media. This came to the knowledge of his parents. They told him to follow the following computer ethics while working on the computer. What are these ethics?
- (A) We should not interfere with other people's privacy.
(B) We should not use a computer to harm other people.
(C) We should not use a computer to steal data from others computer.
(D) All of these
39. The production manager of a manufacturing company is creating a flowchart to show how to figure out the entire cost of raw materials used in a product's manufacturing. Which flowchart symbol would be used to represent each step of the addition, subtraction, multiplication, and division operations?



40. Sameer is doing a project on "Use of Social Robots in our daily life". Help him recognise the following Robot.

- (A) ASIMO
(C) Sophia

- (B) Pepper
(D) Sumo





coding



Click



Presentation



web
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