OGO
ORANGE GLOBAL OLYMPIAD

School Level Examination
SLE 2024

SET: I

GRADE 7
CYBER

Subject Code: 5 0 1

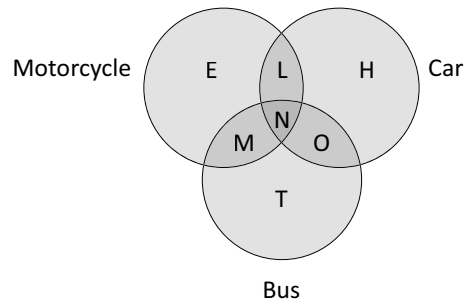**Total Questions:** 40   **Total Marks:** 40   **Time:** 1 hour

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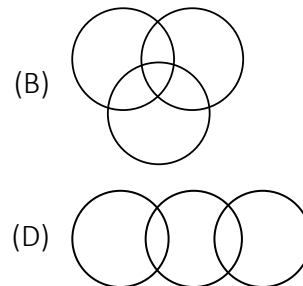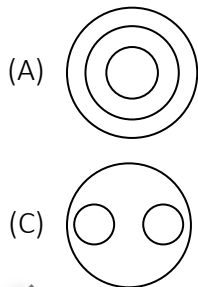
This question paper contains a total of 40 questions divided into three sections - A, B and C.

Read the instructions carefully before attempting these questions.

Section A (Logical Reasoning)

1. Based on the given Venn diagram, identify who can drive all three vehicles.

   (A) L+M+O   (B) L+N+O

   (C) E   (D) N

2. Find the missing term.

   EOO, GQQ, ISS, _____, MWW

   (A) GRR   (B) GWW

   (C) LWW   (D) KUU

3. In English alphabet, which letter is exactly midway between the fifth letter from the left and the eighth letter from the right?

   (A) K   (B) L

   (C) M   (D) J

4. Arrange the words given below in a meaningful sequence.

   (i) House   (ii) Street

   (iii) Room   (iv) Town

   (A) (iii), (ii), (i), (iv)   (B) (iii), (i), (iv), (ii)

   (C) (iii), (i), (ii), (iv)   (D) (iii), (i), (ii), (iv)

5. Which of the following diagrams indicates the best relation amongst the following?
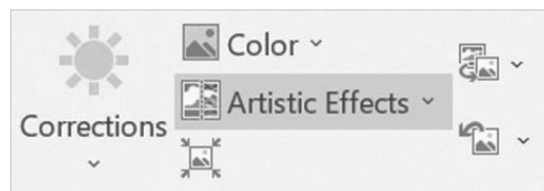
   Science, Physics, Chemistry

6. If some athletes are runners and all runners are fit, which of the following statements must be true?

   (A) All athletes are fit.   (B) All runners are athletes.

   (C) Some athletes are not fit.   (D) All fit people are athletes.

7. If NOIDA is written as OPJEB, then what will be the code for DELHI?

   (A) EFMAK   (B) EFAMK

   (C) EFMIJ   (D) EFMIK

8. Suppose a series is 6, 11, 21, 36, 56, 'X'. The number that comes at the place of 'X' in the given series is -

   (A) 91   (B) 21

   (C) 52   (D) 81

Section B (Subject Specific)

9. Analog computer works on the supply of _____.

   (A) Physical strength   (B) Natural strength

   (C) Magnetic strength   (D) Continuous electrical pulses

10. What does RAM stand for in computer terminology?

    (A) Read-Only Memory   (B) Random Access Memory

    (C) Remote Access Module   (D) Real-Time Analysis Memory

11. Choose the right answer by deriving the binary number from the given figure.

    (A) 101100

    (B) 101011

    (C) 101101

    (D) 101110

2	44
2	22
2	11
2	5
2	2
	1

12. What is the binary equivalent of the decimal number 25?

    (A) 11001   (B) 10011

    (C) 10101   (D) 11101

13. What is the hexadecimal equivalent of the decimal number 100?

    (A) 64   (B) 7C

    (C) 96   (D) A4

14. Which of the following is the best view to use when adding transition effects to all slides in a presentation?

    (A) Slide sorter view
    (B) Notes view

    (C) Normal view
    (D) Outline view

15. What is the purpose of applying transitions to slides in PowerPoint?

    (A) To add animations to objects.

    (B) To change the background color of slides.

    (C) To control the movement between slides.

    (D) To insert audio clips into slides.

16. Cell E2 is empty and cell F2 has 67. What value will be displayed in cell G2 which has the formula =E2*F2?

    (A) ERROR
    (B) 0

    (C) 67
    (D) Empty

17. Which of the following is NOT a valid type of Excel chart?

    (A) Line chart
    (B) Pie chart

    (C) Bar chart
    (D) Flowchart

18. Which of the following is an example of absolute cell reference?

    (A) !A!1
    (B) A1

    (C) #A#1
    (D) @A@1

19. What is the name of the following set of tools found in the Picture Tools ribbon?

    (A) Size
    (B) Styles

    (C) Adjust
    (D) Arrange

20. What does the 'Bullets' feature in Microsoft Word allow you to do?

    (A) Create numbered lists
    (B) Insert bullet points

    (C) Apply formatting to text
    (D) Insert tables

21. Match the following:

(i) Used to view the Web page	(p) Web page
(ii) Collection of Web pages	(q) <HEAD> Tag
(iii) HTML document is called	(r) Website
(iv) Contains information about header	(s) Web browser

(A) (i) → (p), (ii) → (q), (iii) → (r), (iv) → (s)
(B) (i) → (q), (ii) → (r), (iii) → (s), (iv) → (p)
(C) (i) → (s), (ii) → (r), (iii) → (p), (iv) → (q)
(D) (i) → (q), (ii) → (s), (iii) → (p), (iv) → (r)

22. What is the appropriate syntax in HTML for generating a hyperlink on a webpage?

(A) <BODY LINK = "abc.html">
(B) <A LINK = "abc.html">
(C) <A HREF = "abc.html">
(D) <BODY SRC = "abc.html">

23. What is the term used for unauthorized control/access over the computer system to destroy the data?

(A) Defamation
(B) Carding
(C) Hacking
(D) Cyber-stalking

24. What type of malware is designed to encrypt files on a computer and demand ransom for their decryption?

(A) Virus
(B) Worm
(C) Ransomware
(D) Spyware

25. What is the input given to the functions referred to as?

(A) Return Value
(B) Name
(C) Arguments
(D) None of these

26. A code that generates a star pattern with additional stars in each row is what you are creating. For this design, what kind of flow of control statements would you use?

(A) Loop
(B) Sequential
(C) Conditional
(D) Jump

27. Meena is writing a pseudo-code. Help her find the output of the given code:

```
str2 = "Hello"
str2 = "Bye"
Show(str2)
```

(A) Hello
(B) Bye
(C) Hello Bye
(D) All of these

28. Translation software is based on _____ domain of AI.

    (A) Computer Vision   (B) Data Science

    (C) Fuzzy Logic   (D) NLP

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 are valid ways to view slides in PowerPoint?

    (A) Normal view   (B) Slide Sorter view

    (C) Print Preview   (D) Slide Master view

30. By default, your document prints with _____.

    (A) 5 inch top and bottom margins   (B) A portrait orientation

    (C) 135 inches left and right margins (D) 1 inch top and bottom margins

31. You want to look for 'Summer' and exchange it with 'Winter' in your document. Which options should you choose?

    (A) Edit   (B) Copy & Paste

    (C) Find   (D) Replace

32. Which keyboard shortcuts can be used to copy and paste selected text in Microsoft Word?

    (A) Ctrl + C   (B) Ctrl + X

    (C) Ctrl + V   (D) Ctrl + A

33. What does a cell reference in Excel consist of?

    (A) Column Name   (B) Row Number

    (C) Column Number   (D) Row Name

Section C (Competency Enhancement)

34. Hardik wants to add a row to a table in his HTML document. Choose the correct tag for him.

    (A) tr   (B) tt

    (C) td   (D) tc

35. Soumya is studying about 4G and 5G technologies. The 'G' stands for _____.

    (A) group   (B) genius

    (C) generator   (D) generation

36. Riya has completed her essay. However, she has made several spelling and grammatical errors. Which option should she use and it is found in which Tab?

    (A) Thesaurus in Review   (B) Properties in View

    (C) Track Changes in Review   (D) Spelling & Grammar in Review

37. Nisha has added notes to her presentation. She wants to print her notes with each slide. Which option should she choose?

    (A) Slide with animation   (B) Outline view

    (C) Notes page   (D) Audience handout

38. Vinay wants to set a password in his Excel file. Which option in the Save As dialog box provides the facility to create the password should he choose?

    (A) File → Info → Protect Workbook   (B) File → Save as → Protect Workbook

    (C) Insert → Password   (D) Insert → Textbox

39. Rekha is writing a program, but she is confused how to define a block of code. Help her what all options she can use to do the same.

    (A) Key   (B) Bracket

    (C) Either A or B   (D) Neither A nor B

40. Prashant is a CA aspirant and is learning how to use excel. Tell him which of the following datatypes is invalid in Excel.

    (A) Number   (B) Date

    (C) Character   (D) Text