OGO
ORANGE GLOBAL OLYMPIAD

School Level Examination
SLE 2023

GRADE 6

CYBER

Subject Code: | 5 | 0 | 1 |

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 BALLPEN** 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.

➢ 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.

CYBER

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. Which figure completes the second pair in the same way as first pair?

   (A)

   (B)

   (C)

   (D)
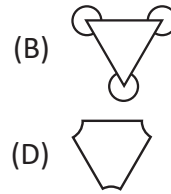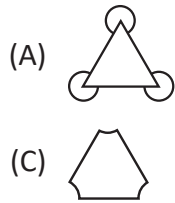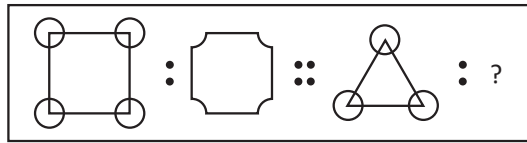
2. Count the number of straight lines in the given figure.
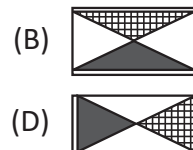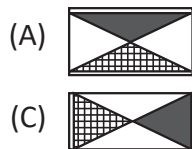
   (A) 12

   (B) 16

   (C) 17

   (D) 20

3. Ram is facing East. He turned 135° in a clockwise direction and then 180° in an anti-clockwise direction. Which direction he is facing now?

   (A) East

   (B) North

   (C) North-East

   (D) South-West

4. Find the mirror image of [figure].

   (A)

   (B)

   (C)

   (D)

5. Sarthak walked 25 metres towards South. Then he turned to his left and walked 20 metres. He then turned to his left and walked 25 metres. He again turned to his right and walked 15 metres. At what distance is he from the starting point and in which direction?

   (A) 35 metres, North

   (B) 30 metres, East

   (C) 35 metres, East

   (D) 35 metres, West

6. Choose the correct mirror image of the given figure (X) if the mirror is placed vertically right to figure (X).

   (A)

   (B)

   (C)

   (D)

   (X)
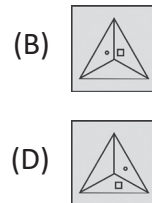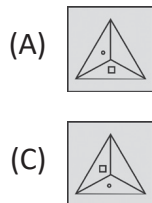
7. E, F, G and H are playing cards. E, G and F, H are partners. If F is in the North of H and E is in the West of G, then the position of G with respect of H is _____.

(A) North-East

(B) North-West

(C) South

(D) North

8. How many 6s are there in the following series each of which is immediately preceded by 5 but not immediately followed by P?

5 6 A 6 7 E 5 6 P 6 8 5 9 B 5 6 D 6 H 6 5 L 6 K 6 5 G 5 6 N 5 6 8

(A) 4

(B) 6

(C) 7

(D) 5

Section B (Subject Specific)

9. Deliberately modifying the return address on an e-mail such that it seems to be coming from anyone but not the actual sender is called:

(A) Spoofing

(B) Pharming

(C) Spamming

(D) Rootkit

10. _____ contains light sensitive elements, held to the display screen of a computer terminal for passing information to the computer.

(A)

(B)

(C)

(D)

11. 's' in https stands for _____.

(A) Spamming

(B) Secure

(C) Secure

(D) Sensory

12. Match the following:

(p)	Example of Cloud storage	(i)	Quora
(q)	Modes of payment	(ii)	OneDrive
(r)	Question & Answer site	(iii)	Net Banking

(A) p → (iii), q → (i), r → (ii)

(B) p → (ii), q → (iii), r → (i)

(C) p → (i), q → (ii), r → (iii)

(D) p → (ii), q → (i), r → (iii)

13. In branching statement, condition evaluates to either _____ or _____.

(A) FALSE, FALSE

(B) TRUE, FALSE

(C) TRUE, TRUE

(D) None of these

14. You can use different page format within the same document by separating the same document by separating the differently formatting area with _____.

    (A) Page Breaks   (B) Word Breaks

    (C) Section breaks   (D) Format Breaks

15. Which of these options allows you to jump to a specified position within a document immediately?

    (A) Outlines   (B) Subdocuments

    (C) Bookmarks   (D) Mail Merge

16. Which view allows you to visualise how text and images will appear on a printed page?

    (A) Outline   (B) Normal

    (C) Web Layout   (D) Print Layout

17. What component of hardware takes data and programs designed for humans and translates them into a format that can be read and processed by computers?

    (A) Output   (B) Monitor

    (C) Input   (D) All of these

18. Which of the following categories contains only devices that accept input?

    (A) Keyboard, Mouse, monitor, Joystick

    (B) Keyboard, Mouse, printer, Light pen

    (C) Keyboard, Mouse, Microphone, Trackball, Touch Screen

    (D) None of these

19. In Excel, which function do you use to locate the cell that contains the highest number in a range?

    (A) FLOOR()   (B) HIGHEST()

    (C) MAX()   (D) MAXIMUM()

20. Which function will you use to apply motion effects after one slide has been shown and before another one has yet to be shown?

    (A) Animation Scheme   (B) Slide Design

    (C) Animation Effect   (D) Slide Transition

21. How can I assign the value 576.3 to a variable in the Python programming language?

    (A) float p = 576.3   (B) p = 576.3

    (C) Floating = 576.3   (D) int p = 576.3

22. There are several companies, including Airtel, Jio, and BSNL, that offer internet services for both personal and business use. What are these companies called?

    (A) MODEM   (B) SWITCH

    (C) HUB   (D) ISP

23. Which operating system is more suitable for constructing a client-server network?

(A) Windows 95

(B) Windows 98

(C) Windows 2000

(D) All of these

24. Which of the following does not fall within the category of application software?

(A) Presentation

(B) Windows

(C) Spreadsheet

(D) Desktop publishing

25. What does the image depict in MS - Word?
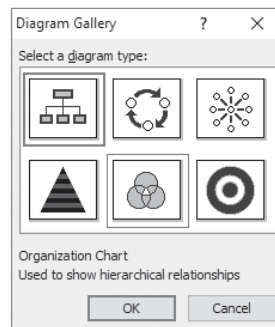
(A) Charts

(B) Shapes

(C) SmartArt

(D) WordArt

26. What will be the output of the following code?

```
str = "I like Python"
for a in str:
    print(a, end = " ")
```

(A) I l i k e P y t h o n

(B) I like Python

(C) I$ like$ Python$

(D) None of these

27. Which of the options provided facilitates children's acquisition of shadow puppetry skills by the utilisation of their hands alone?

(A) Shadow Art

(B) Star Maker

(C) Smule

(D) None of these

28. Match the following:

Column A	Column B
(i) EMAIL	(a) To do online conference
(ii) TEXT MESSAGING	(b) To send messages along with or without attachments
(iii) VIDEO CONFERENCING	(c) forums on the Usenet service for the discussion of a particular topic.
(iv) NEWSGROUPS	(d) composing and sending text messages

(A) (i) – (d), (ii) – (b), (iii) – (a), (iv) – (c)

(B) (i) – (d), (ii) – (c), (iii) – (a), (iv) – (b)

(C) (i) – (c), (ii) – (a), (iii) – (d), (iv) – (b)

(D) (i) – (b), (ii) – (d), (iii) – (a), (iv) – (c)

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 functions in Excel that belong to the 'Date & Time' category?

(A) MID()   (B) NOW()

(C) POW()   (D) HOUR()

30. Which of these are NOT Input devices?

(A) Scanner   (B) LCD monitor

(C) Digital camera   (D) Plotter

31. The function of ruler in Word is to

(A) to change page margins   (B) to set indents and tabs

(C) to format the document   (D) All of these

32. To turn off the animation, the steps are:

(A) We cannot turn off all the animations.   (B) Slide Show Tab → Set up slide show

(C) Show option → Show without animation   (D) None of these

33. You can copy data or formulas _____.

(A) With the copy, paste and cut commands on the edit menu

(B) With commands on the shortcut menu

(C) With buttons on the View tab

(D) With buttons on the Formula tab

Section C (Competency Enhancement)

34. Bootstrapping is one of the type of Booting and it is commonly known as _____.

(A) Warm boot   (B) Cold boot

(C) Sleep   (D) Restart

35. Who am I: I am a device which needs to be refreshed on regular basis. I consume less power and I am also smaller in size. I am less expensive:

(A) Static RAM   (B) Dynamic RAM

(C) EEPROM   (D) Flash memory

36. What is the average value of the code that is executed below?

```
>>>grade1 = 80
>>>grade2 = 90
>>>average = (grade1 + grade2) / 2
```

(A) 85   (B) 85.1

(C) 95   (D) 95.1

37. Out of the given statements which of the following statement(s) is/are correct in context to the given image of EEPROM?

    Statement 1: Its contents can be programmed and erased through special programming signals.

    Statement 2: It is a type of non volatile memory.

    (A) Only statement 1 is correct   (B) Only statement 2 is correct

    (C) Both (A) and (B) are correct   (D) None of these

38. Which of the following is the feature that would convert the given Table-1 into Table-2:

    Table-1

 | Roll No. | Name | Marks |
    |----------|----------|-------|
    | 1 | Ayan M | 45 |
    | 2 | Aarush M | 46 |
    | 3 | Kaashvi S | 50 |

    Table-2

Roll No	Name	Marks
1	Ayan M	45
2	Aarush M	46
3	Kaashvi S	50

    (A) Table To Text   (B) Convert To Text

    (C) Text to Convert   (D) Text to Table

39. Shreyansh came across a statement that, today's Internet is based on TCP/IP. What does TCP/IP stand for?

    (A) Transmission control protocol/ Internet protocol

    (B) Transmission control protocol/Informatics practices

    (C) Transmission care protocol/ Integer protocol

    (D) Trans control protocol/ Inter protocol

40. Identify the tab and command to get this dialog box.
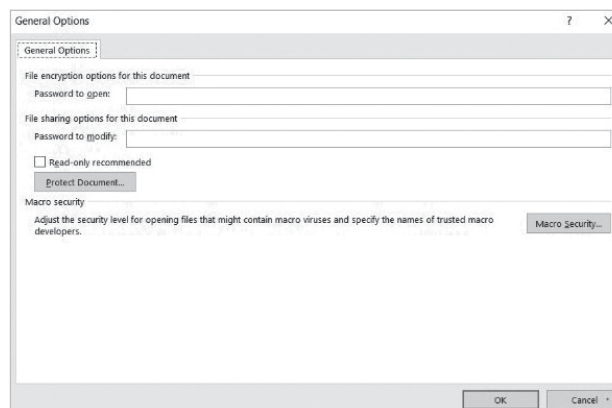
    (A) File → Save As → Tools → General Options   (B) Insert → Table → General Options

    (C) Review → New Comment → General Options   (D) File → Open → General Options