OGO
ORANGE GLOBAL OLYMPIAD

School **L**evel **E**xamination
SLE 2023

GRADE
4

CYBER

Subject Code: | 5 | 0 | 1 |

Total Questions: 30

Time: 1 hour

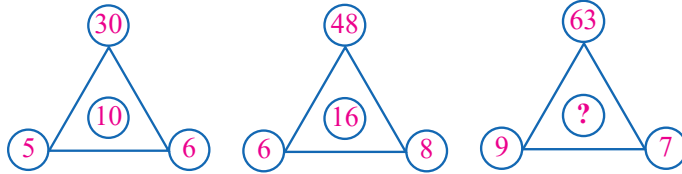## DO NOT OPEN THIS BOOKLET UNTIL INSTRUCTED TO DO SO

➢ 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 an **HB PENCIL** only.

➢ You **MUST** record your answers on the **ANSWER SHEET** only.

➢ There are **30 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 30 questions divided into three sections - A, B and C.

Section A (Logical Reasoning)

1. Observe the pattern and find the missing number in following figures.
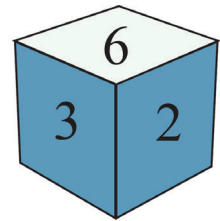

    (A) 18   (B) 21
    (C) 3   (D) 54

2. The numbers on the opposite faces of this cube add upto 7.

    Which number was on the opposite side of 2?

    (A) 4   (B) 5
    (C) 3   (D) 2

3. If = 32, then find the value of

    (A) 96   (B) 100
    (C) 104   (D) 108

4. In the following question, find which one word cannot be made from the letters of the given word.

    UNCOMMANDED

    (A) AMEND   (B) DEAD
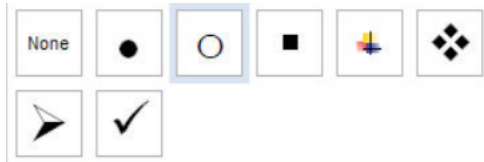   (C) MACRON   (D) COMMAND

5. Write the word given below in alphabetical order.

    Advice, Butterfly, Edit, Flag, Tale, Bride, Basement, Brush

    (A) Advice, Butterfly, Bride, Basement, Brush, Edit, Flag, Tale

    (B) Advice, Basement, Bride, Brush, Butterfly, Edit, Flag, Tale

    (C) Advice, Bride, Basement, Brush, Butterfly, Edit, Flag, Tale

    (D) Advice, Basement, Brush, Bride, Butterfly, Edit, Flag, Tale

Section B (Subject Specific)

6. What does the image depict in MS - Word?

(A) Bullet library

(B) Numbering library

(C) Design library

(D) Image library

7. What will be the output of the following code when the green flag is clicked?

(A) Sprite will change x coordinate by 50 and y by 50

(B) Sprite will change x coordinate by 50 and y by 10

(C) Sprite will change x coordinate by 10 and y by 10

(D) Sprite will change x coordinate by 500 and y by 100

8. A _____ is a computer-made 3D world that looks and feels real.

(A) 3D Model

(B) 3D Computer

(C) Augmented Reality

(D) Virtual Reality

9. Which of the following are the two types of primary memory?

(A) Primary and Secondary

(B) RAM and ROM

(C) Pen Drive and Blue ray Disk

(D) CD and DVD

10. Match the following:

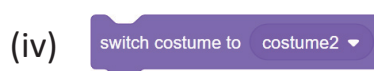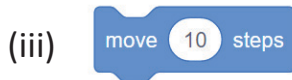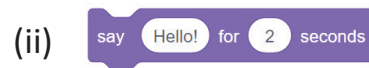| Column A	Column B
(i) First generation	(a) used Integrated Circuits
(ii) Second generation	(b) used vacuum tubes
(iii) Third generation	(c) used microprocessors
(iv) Fourth generation	(d) used transistors

(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)

11. Which of the following is a default view of a presentation?

(A)

(B)

(C)

(D)

12. Identify the given blocks and guess which block you will use to make the sprite talk and move.

(i) `go to random position ▼`

(ii) `say Hello! for 2 seconds`

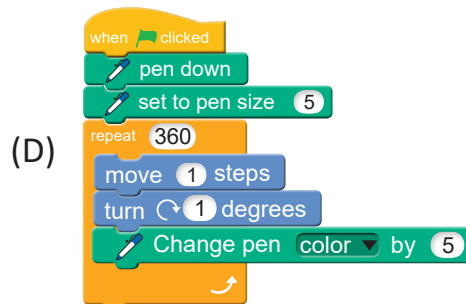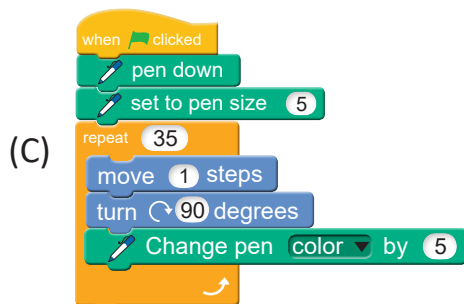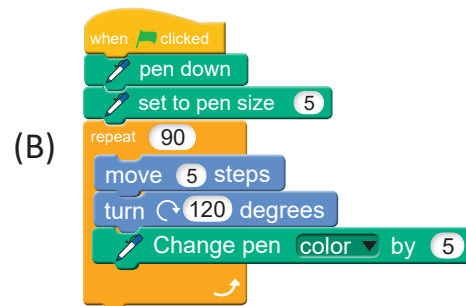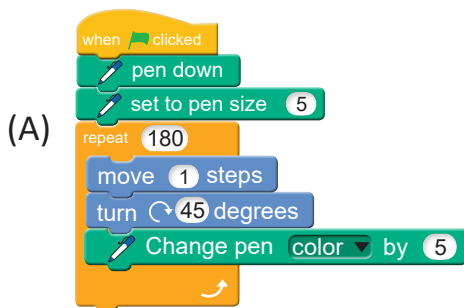(iii) `move 10 steps`

(iv) `switch costume to costume2 ▼`

(A) (i), (iii)

(B) (i), (iv)

(C) (ii), (iii)

(D) (ii), (iv)

13. Choose the correct Script to draw a circle.

(A)
```
when 🚩 clicked
  pen down
  set to pen size 5
  repeat 180
    move 1 steps
    turn ↻ 45 degrees
    Change pen color ▼ by 5
```

(B)
```
when 🚩 clicked
  pen down
  set to pen size 5
  repeat 90
    move 5 steps
    turn ↻ 120 degrees
    Change pen color ▼ by 5
```

(C)
```
when 🚩 clicked
  pen down
  set to pen size 5
  repeat 35
    move 1 steps
    turn ↻ 90 degrees
    Change pen color ▼ by 5
```

(D)
```
when 🚩 clicked
  pen down
  set to pen size 5
  repeat 360
    move 1 steps
    turn ↻ 1 degrees
    Change pen color ▼ by 5
```

14. Yugansh has recently bought a new computer which runs on the Windows 10 Operating System. He wants to create a new desktop but he is not sure about correct button or option. Help him to do this.

(A) Task View button, New Desktop option

(B) Start button, Task menu option

(C) Browse button, Open option

(D) None of these

15. Which of these is INCORRECT statement about twitter?

(A) Twitter was launched in the year 2006.

(B) Twitter is a social networking and microblogging site.

(C) Twitter was created by MarkZuckerberg.

(D) Twitter was released by an American company Odeo.

16. Which of the following statements should be considered correct?

(A) The first computer programmer was a lady named Ada Lovelace Augusta.

(B) Lord Byron, an eminent English poet, is the father of Ada Lovelace Augusta.

(C) ADA is a programming language that was developed by the United States Department of Defence.

(D) All of these

17. Except for _____, all of these are instances of storage devices.

(A) CD   (B) DVD

(C) Keyboard   (D) Hard Disk

18. Which of the following processes are performed by an operating system?

(A) The process of managing and preserving the recycle bin

(B) The act of transferring files

(C) Initiates the execution of a computer program

(D) All of the above

19. Which of the following can be used in conjunction with the typical commands to Copy and Paste?

(A) Office Clipboard   (B) Font dialog box

(C) Insert Tab   (D) None of these

20. In MS Word, the term _____ refers to changes in the way the text appears to the user.

(A) Styling   (B) Formatting

(C) Pasting   (D) Copying

21. The view that shows the slides from a presentation in a format that is similar to a smaller version of the slide itself is referred to as the _____.

(A) Slide Sorter view   (B) Normal view

(C) Outline view   (D) Slide Show view

22. In which block can the instructions for modifying the costume of a sprite be located in Scratch?

(A) Events
(B) Control
(C) Looks
(D) Sensing

23. The initial network that laid the foundation for the development of the Internet was _____.

(A) USENET
(B) TELNET
(C) HUBNET
(D) ARPANET

24. Which of the following keyboard can be linked to your computer through the use of wireless networking or Bluetooth technology?

(A) Wired Keyboard
(B) Wireless Keyboard
(C) Both a and b
(D) None of these

25. How should you set up the style of your slides?

(A) Use the Master Layout dialog box in slide master view to make plans for slides, handouts, and notes.

(B) Choose a style for each new slide from the Slide layout task pane.

(C) Use the Slide Design task pane to find and use themes.

(D) None of these

Section C (Competency Enhancement)

26. Krishna is creating a presentation in PowerPoint. He wants to add a slide in the presentation without using mouse. Which of the following shortcut key will help him do so?

(A) Ctrl + N
(B) Ctrl + L
(C) Ctrl + M
(D) Ctrl + O

27. Renu is learning about ENIAC, which was the first electronic general purpose digital computer built by John Mauchly and Presper Eckert. Can you identify which of the following was used in ENIAC?

(A) Vacuum Tube
(B) Integrated Circuit
(C) Microprocessor
(D) Transistor

28. Sunita wants to buy a scanner that allows multiple papers to be scanned at a time. Suggest an appropriate type of scanner that fulfils her requirements.

    (A) Flatbed Scanner
    (B) Sheetfed Scanner
    (C) Hand-Held Scanner
    (D) Image Scanner

29. Ram has a Word document containing 100 pages. He wants to change the font of the content on all the pages in one go. Which of the following options should he use to do so?

    (A) Press Ctrl + A and then select the appropriate font from the Font drop-down list.

    (B) Press Ctrl + C and then select the appropriate font from the Font drop-down list.

    (C) Press Ctrl + A and then select the appropriate font from the Font Size drop-down list.

    (D) Press Shift + A and then select the appropriate font from the Font drop-down list.

30. Mohit and Soham have been assigned a task to create a project on the topic Earth Day and its importance in Scratch. Mohit has to add music to the project. How will he do so? Choose the correct block.

    (A) Sound block
    (B) Motion block
    (C) Looks block
    (D) Operator block