المدرسة الهندية
الجديدة
أم القيوين

THE NEW
INDIAN SCHOOL
Umm Al Quwain

THE NEW INDIAN SCHOOL

UMM AL QUWAIN

NIS CYBER OLYMPIAD QUESTION BANK

Organized by: I.T. Department

For

GRADE:3

NCO
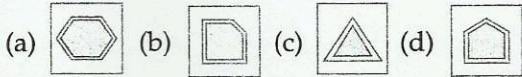
National Cyber Olympiad

Note: The syllabus of NCO is based on Windows 7 and MS Office 2010. The test paper is divided into three sections.

Sample Questions

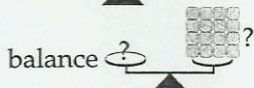### LOGICAL REASONING

1. Find the odd one out.

   (a) (b) (c) (d)

2. Find the missing number in the given series.

14	18	?	29	36

   (a) 20   (b) 19   (c) 23   (d) 24
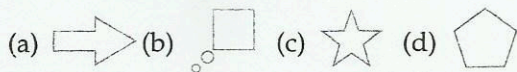
3. If, then how many pineapples will balance ?

   (a)   (b)

   (c)   (d)

TECHNOLOGY

4. Which of the following is NOT a readymade shape in MS-Paint of Windows 7?

   (a) (b) (c) (d)

5. Creating an artificial environment to have real life experience like walking in space without actually being in space is called _____ .

   (a) Virtual reality   (b) Multimedia
   (c) Graphics   (d) Animation

6. Cutting and pasting a sentence is known as _____ .

   (a) Text editing   (b) Text formatting
   (c) Indentation   (d) Text wrapping

7. Match the following MS-Paint icons of Windows 7 with their uses.

   (i)   (A) Draw a shape with any number of sides
   (ii)   (B) Cancel the last operation
   (iii)   (C) View picture full screen
   (iv)   (D) Remove all portions that lay outside the selection

   (a) (i)-(C), (ii)-(A), (iii)-(B), (iv)-(D)
   (b) (i)-(D), (ii)-(C), (iii)-(B), (iv)-(A)
   (c) (i)-(D), (ii)-(C), (iii)-(A), (iv)-(B)
   (d) (i)-(A), (ii)-(C), (iii)-(B), (iv)-(D)
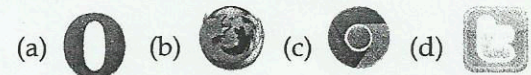
8. Which of the following is a cursor control device?

   (a) Printer   (b) Scanner
   (c) Trackball   (d) Microphone

9. You CANNOT connect to internet through _____ .

   (a) (b) (c) (d)

10. Pick the odd one out.

    (a) (b) (c) (d)

11. Which of the following mouse pointer shape is displayed when used for website links?

    (a) (b) (c) (d)
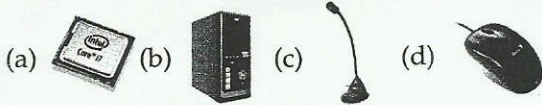
12. _____ in Windows 7 makes file organizing and searching easier.

    (a) Jumplists   (b) Aerosnap
    (c) Libraries   (d) Gadgets

13. In MS Paint of Windows 7, the _____ command changes the angle of image.

    (a) Bold   (b) Skew   (c) Resize   (d) Flip

14. I am used to talk and give verbal commands to the computer. I am _____.

(a) (b) (c) (d)

15. Match the following:

Column I		Column II
(i)	Occurs twice on the keyboard	(A) Caps Lock
(ii)	Use this key to jump six spaces on the screen	(B) Page Down
(iii)	A toggle key	(C) Shift
(iv)	One of the many Navigation Keys	(D)

    (a) (i)-(D), (ii)-(B), (iii)-(A), (iv)-(C)
    (b) (i)-(D), (ii)-(A), (iii)-(B), (iv)-(C)
    (c) (i)-(C), (ii)-(D), (iii)-(A), (iv)-(B)
    (d) (i)-(C), (ii)-(A), (iii)-(B), (iv)-(D)

16. A scroll wheel is found on which of the following input devices?

(a) (b) (c) (d)

17. The given image shows an example of _____.
(a) Monochrome monitor
(b) CRT monitor
(c) Keyboard
(d) Touchscreen

18. Which of the following statements is CORRECT about the given image in Windows 7?

(a) It is taskbar which contain buttons with icons that represent the programs.
(b) Its default position is at the bottom of the screen.
(c) Its position can be changed to any of the four sides of the screen.
(d) All of these

19. Which of the following statements is INCORRECT about the given image?
(a) It is an output device that is used to point items on computer screen.
(b) It can be used in the place of mouse.
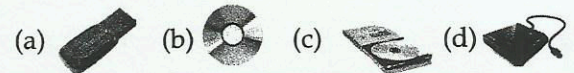(c) It is known as trackpad.
(d) It is found in laptops

20. The term "Brightness" is related to which of the following devices?

(a) (b)
(c) (d)

21. Arrange the following actives in CORRECT order of Input-Process-Output (IPO) cycle.
  (i) Sound comes out from the CD player.
  (ii) A CD goes into the CD player.
  (iii) CD player reading the CD.
  (a) (ii)-(iii)-(i)   (b) (i)-(ii)-(iii)
  (c) (ii)-(i)-(iii)   (d) (i)-(iii)-(ii)

22. Select the odd one out.

(a) (b) (c) (d)

ACHIVERS SECTION

23. Match the following:

Column I		Column II
(i)	Your computer always gives accurate results.	(A) Memory
(ii)	Your computer can perform a number of tasks.	(B) Speed
(iii)	Your computer can store lot of data which can be used later conveniently.	(C) Reliable
(iv)	Your computer can complete millions of tasks in a second.	(D) Versatile

    (a) (i)-(C), (ii)-(D), (iii)-(A), (iv)-(B)
    (b) (i)-(C), (ii)-(A), (iii)-(B), (iv)-(D)
    (c) (i)-(D), (ii)-(C), (iii)-(A), (iv)-(B)
    (d) (i)-(D), (ii)-(C), (iii)-(B), (iv)-(A)

24. Google Hangouts is a _____.
(a) Group
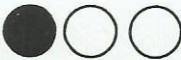(b) Document
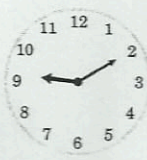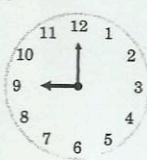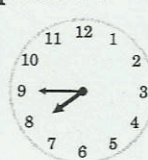(c) Free video chat service
(d) Search engine

25. Which of the following connectors generally connects a USB mouse to the computer?

(a) (b)
(c) (d)
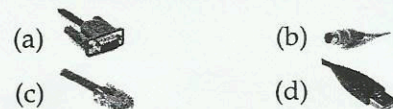
| Answers								
1. b	4. b	7. b	10. d	13. d	16. b	19. a	22. d	25. d
2. c	5. a	8. c	11. b	14. c	17. d	20. b	23. a	
3. c	6. a	9. d	12. c	15. c	18. d	21. a	24. c	

Mental Ability

1. The fraction of unshaded part is: ●○○
   - a. 2/3
   - b. 1/2
   - c. 1/3
   - d. 3/2

2. 2 Rupees equals:
   - a. Four 50paise
   - b. Five 25paise
   - c. Ten 50paise
   - d. Nine 25paise

3. Which of the clocks is showing the time 10 minutes past 9 ?
   - a.
   - b.
   - c.
   - d.

4. The square has:
   - a. 4 equal sides
   - b. 2 equal sides
   - c. 3 equal sides
   - d. 1 curved edge

5. In one trip a car can take 6 people. In how many trips can it take 60 people?
   - a. 5 trips
   - b. 6 trips
   - c. 4 trips
   - d. 10 trips

6. I am thinking of a number. When I double the number and add 9 to the result, the answer is 29. What is the number I am thinking of?
   - a. 38
   - b. 29
   - c. 18
   - d. 10

7. 72 has:
   - a. 7 tens
   - b. 70 tens
   - c. 7 ones
   - d. 20 ones

8. In which one of the following numbers, the digits cannot be rearranged to get another three digit number?
   - a. 400
   - b. 425
   - c. 968
   - d. 129

9. Dr. Sunil is a veterinary doctor who works at the zoo. Yesterday he weighed an elephant. Which unit of measure could be used to weigh an elephant?
   - a. Centimetres
   - b. Kilograms
   - c. Litres
   - d. Metres

10. Mr. John is lining up his students in this order:

    girl, girl, boy, boy, girl, girl, boy, boy girl, girl, boy, ?

    If he continues the same pattern, what are the next two students in line?
    - a. Boy, boy
    - b. Boy, girl
    - c. Girl, boy
    - d. Girl, girl

Logical and Analytical Reasoning

11. Find the odd one out:
    - a. Sunday
    - b. January
    - c. Wednesday
    - d. Friday

12. Find the alternative which will replace the question mark:

    Cobbler-Shoe; Barber- Hair; Carpenter - ?
    - a. Furniture
    - b. Butcher
    - c. Artist
    - d. Painting

13. 2 + 3 + 16 = 10 + ?
    - a. 9
    - b. 21
    - c. 10
    - d. 11

3

14. Find odd one out:

a. ☐   b. △ ☐   c. ◇ ☐   d. ◯ ☐ ☐

15. How many squares are there in the figure?

a. 8   b. 9 ☐   c. 10 ☐   d. 11 ☐

16. Ali is taller than Kapil. Kapil is taller than Kevin. Ali is 48 inches tall. Kevin is 45 inches tall. How tall could Kapil be?

a. 51 Inches   b. 48 Inches ☐   c. 47 Inches ☐   d. 45 Inches ☐

17. If Rahul puts exactly 2 fishes in each fish bowl, how many fishes will be required to put in 20 bowls?

a. 40   b. 22 ☐   c. 42 ☐   d. 20 ☐

18. Anmol had 8 baseball cards. He got some more baseball cards for his birthday, and then he had 17 in all. How many baseball cards did he get for his birthday?

a. 7   b. 8 ☐   c. 6 ☐   d. 9 ☐

19. The chart shows the number of pages Mansi read during four days:

Day	Monday	Tuesday	Wednesday	Thursday
Pages Read	24	17	31	26

How many more pages did Mansi read on Wednesday than on Tuesday?

a. 26   b. 16 ☐   c. 14 ☐   d. 24 ☐

20. What is the value of the 2 in 652,814?

a. 20,000   b. 200,000 ☐   c. 2,000 ☐   d. 200 ☐

Computer and Information Technology

21. CD - ROM stands for:

a. Central processing unit
b. CD remote open mouse ☐
c. CD resize or minimize
d. CD read only memory ☐

22. The device which is used to store information:

a. Monitor   b. Keyboard ☐   c. Mouse ☐   d. CD ☐

23. CPU is called the brain of the computer. What does CPU stands for?

a. Control Processing Unit
b. Calculations Processing Unit ☐
c. Central Processing Unit
d. Computer Processing Unit ☐

24. Monitor is also called:

a. VDU   b. ALU ☐   c. CPU ☐   d. MU ☐

25. Which of the statements about a computer is not correct?

a. You can watch movies on it
b. You can solve your sums on it ☐
c. You can play games on it
d. You can cook food with it ☐

④

26. A blinking symbol on the screen that shows where the next character will appear is:
   a. Delete key ☐   b. Arrow key ☐   c. Cursor ☐   d. Return key ☐

27. Find the odd one out:
   a. Keyboard ☐   b. Floppy disk ☐   c. Monitor ☐   d. MS Word ☐

28. MS Paint is a window program that is used for:
   a. Calculations   b. Writing letters ☐
   c. Drawing purposes ☐   d. Preparing presentations ☐

29. Sakshi wants to send an electronic message to her friend. What she should use ?
   a. Word processing ☐   b. Email ☐   c. Spreadsheet ☐   d. Paper and pencil ☐

30. The computer monitor is which type of device?
   a. Output ☐   b. Input ☐   c. Processor ☐   d. Software ☐

31. A light weight machine which does all work of a desktop computer:
   a. CD-ROM ☐   b. Scanner ☐   c. Printer ☐   d. Laptop ☐

32. A keyboard is which kind of device?
   a. Block ☐   b. Input ☐   c. Output ☐   d. Word processing ☐

33. The key that erases characters towards the left is:
   a. Delete Key ☐   b. Enter key ☐   c. Spacebar ☐   d. Backspace ☐

34. Processed data is called:
   a. Input ☐   b. Output ☐   c. Information ☐   d. Instruction ☐

35. Find out the operating system?
   a. MS Word ☐   b. MS Window ☐   c. MS Excel ☐   d. MS PowerPoint ☐

ANSWER SHEET
Darken your choice with a HB pencil

	a	b	c	d			a	b	c	d			a	b	c	d
1.	a	b	c	d		13.	a	b	c	d		25.	a	b	c	d
2.	a	b	c	d		14.	a	b	c	d		26.	a	b	c	d
3.	a	b	c	d		15.	a	b	c	d		27.	a	b	c	d
4.	a	b	c	d		16.	a	b	c	d		28.	a	b	c	d
5.	a	b	c	d		17.	a	b	c	d		29.	a	b	c	d
6.	a	b	c	d		18.	a	b	c	d		30.	a	b	c	d
7.	a	b	c	d		19.	a	b	c	d		31.	a	b	c	d
8.	a	b	c	d		20.	a	b	c	d		32.	a	b	c	d
9.	a	b	c	d		21.	a	b	c	d		33.	a	b	c	d
10.	a	b	c	d		22.	a	b	c	d		34.	a	b	c	d
11.	a	b	c	d		23.	a	b	c	d		35.	a	b	c	d
12.	a	b	c	d		24.	a	b	c	d						

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National Cyber Olympiad Sample Questions

1. Which of the following is not a part of the CPU?

   (a) Arithmetic logic unit

   (b) Input

   (c) Control unit

   (d) Memory unit

2. Which of the following is known as the brain of the computer?

   (a) UPS

   (b) Monitor

   (c) CPU

   (d) Keyboard

3. What is the full form of CD?

   (a) Common Disk

   (b) Compact Disk

   (c) Control Data

   (d) None of these

4. represents which part of the computer?

   (a) Keyboard

   (b) CPU

   (c) Monitor

   (d) Mouse

5. The key that erases characters towards the left is

   (a) Backspace

   (b) Spacebar

   (c) Delete

   (d) Enter

6. represents which part of the computer?

   (a) Monitor

   (b) CPU

   (c) ALU

   (d) CU

7. Tick (✓) the odd term.

   (a) Keyboard

   (b) Floppy disk

   (c) Monitor

   (d) Notepad

8. Which part of the CPU handles all the mathematical calculations and logical comparisons?

   (a) CU

   (b) ALU

   (c) MU

   (d) VDU

9. Which of the following is the extension of a Word document?

(a) .txt

(b) .ppt

(c) .docx

(d) .bmp

10. Which of the following statements about a computer is/are not correct?

(a) You can watch movies on it.

(b) You can solve your sums on it.

(c) You can play games on it.

(d) You can cook food with it.

11. Which of the following is the longest key on a computer keyboard?

(a) Spacebar

(b) Backspace

(c) Caps Lock

(d) Enter

12. Which command will move the LOGO turtle in forward direction by 50 units?

(a) FD

(b) RT 50

(c) FD 50

(d) BK 50

13. Which of the following is not an example of software?

(a) MS Word

(b) Notepad

(c) MSWLogo

(d) Hard disk

14. Which tool is used to draw curved lines in Paint?

(a) Line tool

(b) Curve tool

(c) Brush tool

(d) Polygon tool

15. Which of these options in Paint gives the mirror image of the selected portion of an image or the whole image?

(a) Flip vertical

(b) Rotate

(c) Flip horizontal

(d) Skew

16. What is the shape of the LOGO turtle?

(a) Circle

(b) Triangle

(c) Square

(d) Rectangle

17. Which of the following keys is/are available at two places on the compute keyboard?

(a) Shift key

(b) Enter key

(c) Ctrl key

(d) All of these

18. Which of the following tools is used to magnify an image in Paint?

(a) Magnifier tool

(b) Magnify tool

(c) Select tool

(d) Enlarge tool

19. Which of the following is called the heart of a computer system?

(a) Software

(b) Hardware

(c) Operating system

(d) None of these

20. Which of these keys needs to be pressed to execute a LOGO command?

(a) Enter key

(b) Spacebar key

(c) Shift key

(d) Ctrl key

21. Which button is used to close a window?

(a) Exit

(b) Minimize

(c) Restore Down

(d) Close

22. Which of the following software is used for drawing and painting?

(a) Paint

(b) Windows 8

(c) Notepad

(d) Calculator

23. Which of these LOGO commands is used to display the current day, date, time?

(a) Time

(b) Date

(c) Day

(d) Current

24. The output displayed on the monitor is called the

(a) Displayed copy

(b) Soft copy

(c) Printed copy

(d) Hard copy

25. Which of these LOGO commands is used to clear all the text present in Recall List Box?

(a) CLEAN

(b) CLEARTEXT

(c) CLEARALL

(d) CLEARSCREEN

26. The wallpaper that is displayed on your desktop is called

(a) Background

(b) Taskbar

(c) Screen saver

(d) Window

27. Which of these tools is used to select a rectangular area of an image in Paint?

    (a) Rectangle tool   (b) Rounded Rectangle tool

    (c) Rectangular selection tool   (d) Free-form selection tool

28. Which button is used to change the size of the window to full screen?

    (a) Restore   (b) Maximize

    (c) Close   (d) Minimize

29. Which of the following LOGO commands is used for writing text?

    (a) WRITE   (b) PRINTING

    (c) HOME   (d) PRINT

30. Which of these LOGO commands is used to rotate the turtle towards its right?

    (a) RT   (b) FD

    (c) BK   (d) LT

ANSWERS

1. (b)	2. (c)	3. (b)	4. (d)	5. (a)
6. (a)	7. (d)	8. (b)	9. (c)	10. (d)
11. (a)	12. (c)	13. (d)	14. (b)	15. (c)
16. (b)	17. (d)	18. (a)	19. (c)	20. (a)
21. (d)	22. (a)	23. (a)	24. (b)	25. (b)
26. (a)	27. (c)	28. (b)	29. (d)	30. (a)

1. Which of these is not a part of the IPO cycle?
   - (a) Input
   - (b) Processing
   - (c) Picking
   - (d) Output

2. To bake a cake using eggs and flour, what would be the processing stage?
   - (a) Flour and eggs
   - (b) Baking in an oven
   - (c) Cake
   - (d) Sugar, eggs, and flour

3. Which of these helps in processing the input to give the result?
   - (a) CPU
   - (b) Keyboard and mouse
   - (c) Monitor and printer
   - (d) Hard disk and pen drive

4. A computer does different tasks skilfully. What does this indicate?
   - (a) It is fast.
   - (b) It is accurate.
   - (c) It is a storehouse of information.
   - (d) It is versatile.

5. Sam wants to create 3-D graphics and develop games. Which of these should he use?
   - (a) PC
   - (b) Netbooks
   - (c) Mainframe
   - (d) Workstation

6. What does GIGO stand for?
   - (a) Garbage In Garbage Out
   - (b) Get In Get Out
   - (c) Give Input Get Output
   - (d) Give In Give Out

7. Which of these parts of the CPU will be used to carry out the operation 6 x 9?
   - (a) ALU
   - (b) CU
   - (c) MU
   - (d) IPO

8. Where is the Start button in Windows?
   - (a) Icons
   - (b) Task bar
   - (c) Notification area
   - (d) Gadgets

9. Every time Mohan deleted a file from his computer, it went to the _____.
   - (a) libraries
   - (b) Recycle bin
   - (c) Computer window
   - (d) next folder

10. Which of these files contains instructions to the computer to run it?
    - (a) Text file
    - (b) Audio file
    - (c) Video file
    - (d) Program file

11. I have to select an irregular object in Paint. Which of these tools should I use?
    - (a) Selection shape tool
    - (b) Rectangular selection tool
    - (c) Free form selection tool
    - (d) Transparent tool

12. The act of turning over something from one side to another, end to end, is known as _____.
    - (a) flipping
    - (b) skewing
    - (c) resizing
    - (d) replacing

13. What does LOGO stand for?
    - (a) Language On Graphics On
    - (b) Language Of Graphics Ornaments
    - (c) Language Of Graphics Oriented
    - (d) Language On Given Objects

14. Which part of the LOGO window shows the turtle in different positions?
    - (a) The main screen
    - (b) The commander window
    - (c) Command input box
    - (d) Recall list box

15. Pooja typed FD 50 and pressed Enter. What will she see on the screen?
    - (a) A square
    - (b) A triangle
    - (c) A rectangle
    - (d) A straight line

16. To add and show the sum of 50 and 30 on the screen, which of these would you type in LOGO?
    - (a) PR 50, 30
    - (b) PR SUM 50 + 30
    - (c) PR 50 + 30
    - (d) SUM 50 30

17. Which option would you use to view the documents that you have worked on in MS Word?
    - (a) Recent
    - (b) Open
    - (c) New
    - (d) Save

18. Which of these toolbars helps you to place the tools of your choice in MS Word?
    - (a) Status bar
    - (b) Task bar
    - (c) Quick Access Toolbar
    - (d) Scroll bars

19. Which of these keys on the keyboard helps you to select several files?
    - (a) Alt key
    - (b) Ctrl key
    - (c) Enter key
    - (d) Backspace key

20. What happens if you triple-click in the selection bar in MS Word?
    - (a) The whole document is selected.
    - (b) The current paragraph is selected.
    - (c) The current sentence is selected.
    - (d) The current word is selected.

Answers

1. c; 2. b; 3. a; 4. d; 5. d; 6. a; 7. a; 8. b; 9. b; 10. d; 11. c; 12. a; 13. c; 14. a; 15. d; 16. b; 17. a; 18. c; 19. b; 20. a