



# Primrose Schools

Affiliated to the CISCE Board for ICSE & ISC  
Affiliated to the Cambridge University for IGCSE, AS & A Level  
An ISO 9001:2015 Certified Institution

## NATIONAL PRIMTALENT OLYMPIAD EXAMINATIONS CYBER

**CLASS**  
**7**

Name :

Section :

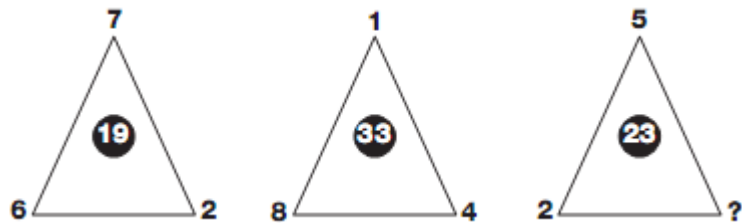
Roll no :

### Guidelines for the Candidates

1	Please check your Name, Class and Section on the OMR sheet provided to you.
2	In case, OMR sheet with your name is missing, please fill in information about yourself in the blank sheet provided before start of exam.
3	All questions are compulsory. There is no negative marking. Use of calculator is not permitted.
4	There is only <b>ONE</b> correct answer. Choose only ONE option for an answer.
5	To mark your choice of answers by darkening the circles in OMR sheet, use <b><u>HB Pencil or Blue/Black ball point pen</u></b> only.
6	Rough work should be done in the blank space provided in the booklet.
7	Return the OMR sheet to the invigilator at the end of the exam
8	Please fill in your personal details in space on the top of this page before attempting the paper

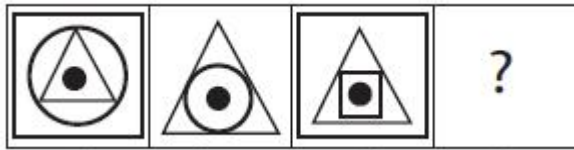
## SECTION A – LOGICAL REASONING

1. Which number replaces the question mark?



- A. 12  
B. 13  
C. 9  
D. 25
2. Use inductive reasoning to determine the next two terms in each sequence.  
2, 4, 8, 16 . . .
- A. 32, 36  
B. 32, 64  
C. 20, 24  
D. 36, 32
3. If water is called black, black is called tree, tree is called blue, blue is called rain, rain is called pink and pink is called fish in a certain language then what is the colour of sky called in that language ?
- A. Blue  
B. Fish  
C. Rain  
D. Pink

4. Complete the series



5. After walking 6 km, I turned to the right and then walked 2 km. After then I turned to the left and walked 10 km. In the end, I was moving towards the North. From which direction did I start my journey.

- A. North
- B. South
- C. East
- D. West

6. A bus starts from city A. Number of women in the bus is half of the number of men. In city B, 10 men leave the bus and five women enter. Now, number of men and women is equal. How many passengers were there in the beginning?

- A. 15
- B. 45
- C. 36
- D. 30

7.  $\text{Blue Circle} + \text{Blue Circle} + \text{Blue Circle} + \text{Blue Circle} + \text{Blue Circle} + \text{Blue Circle} = 72$

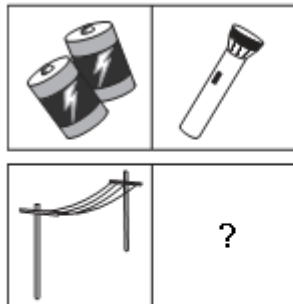
$\text{Blue Circle} + \text{Red Triangle} = 26$





Find the value of  $\text{Blue Circle} + \text{Red Triangle} + \text{Blue Circle} =$

- A. 32
- B. 36
- C. 40
- D. 42

[1]

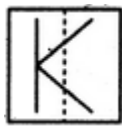
8. Choose the picture that would go in the empty box so that the two bottom pictures are related in the same way as the top two are related.



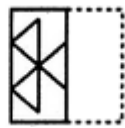
- a
- (1) 
  - (2) 
  - (3) 
  - (4) 

- A. 1
- B. 2
- C. 3
- D. 4

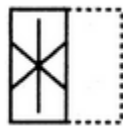
9. Choose the correct option to show how the pattern would appear when the transparent sheet of picture X is folded at the dotted line.



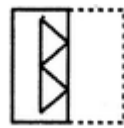
X



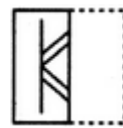
(1)



(2)



(3)



(4)

- A. 1  
B. 2  
C. 3  
D. 4
10. Arrange the following words in the sequence in which they occur in the dictionary
- 1) Pestle
  - 2) Pestilence
  - 3) Pester
  - 4) Pest
- A. 4, 3, 2, 1.  
B. 3, 2, 1, 4.  
C. 2, 3, 1, 4.  
D. 1, 2, 3, 4.

## SECTION B - COMPUTER AND TECHNOLOGY

11. Visual display unit is an example of
  - A. Input device
  - B. output devices
  - C. backup devices
  - D. mediums
  
12. A device designed to read information encoded into a small plastic card is
  - A. Magnetic tape
  - B. Badge reader
  - C. Tape puncher
  - D. Card puncher
  
13. Teletypewriter terminal is an example of
  - A. input devices
  - B. output devices
  - C. input/output devices
  - D. storage devices
  
14. Devices that are under control of computer and are directly connected to computer peripherals are termed as
  - A. off-line devices
  - B. on-line devices
  - C. IN gate device
  - D. IF gate device
  
15. Voice mail, E- mail, online service, internet and www are all examples of \_\_\_\_\_
  - A. computer categories
  - B. connectivity
  - C. telecommuting
  - D. none of this above

16. In E-mail BCC stands for \_\_\_\_\_.
- A. Blind Carbon Copy
  - B. Bright Carbon Copy
  - C. Bind Correct Copy
  - D. Best Carbon Copy
17. In Inkjet technology the droplets of ink are deflected by \_\_\_\_\_
- A. multidirectional nozzles
  - B. electronically charged plates
  - C. high pressure plates
  - D. electrostatic absorption
18. What is Unicode?
- A. Standard font
  - B. Software
  - C. Character encoding system
  - D. Keyboard layout
19. Which of the following memory has the shortest access time?
- A. Virtual memory
  - B. Cache memory
  - C. External memory
  - D. Register
20. Speed of laser printer is measured in \_\_\_\_\_
- A. LPM
  - B. PPM
  - C. DPI
  - D. DPS

21. The virus that spread in application software is called as
- A. Boot virus
  - B. Macro virus
  - C. File virus
  - D. Anti – virus
22. What is the main purpose of the secondary storage devices?
- A. To increase the speed of the computer
  - B. To install operating system
  - C. To networking
  - D. To store data
23. Which of the following memories needs refresh?
- A. DRAM
  - B. SRAM
  - C. ROM
  - D. All the above
24. A components of a dumb terminal are \_\_\_\_\_
- A. Processor and keyboard
  - B. Processor and hard disk
  - C. Keyboard and hard disk
  - D. Keyboard and screens
25. Another name of computer anti-virus is
- A. vaccine
  - B. worm
  - C. Trojan horse
  - D. DES

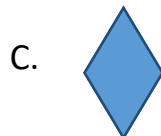


26. Computer virus program is usually hidden in a
- A. operating system
  - B. application program
  - C. disk driver
  - D. both A and B
27. When computer virus starts to impact data, it is known as
- A. virus infection
  - B. virus spreading
  - C. data losing
  - D. shutting down
28. Another name of free computer software is
- A. encrypted software
  - B. copy protected software
  - C. public domain software
  - D. shareware
29. Which one is not a computer virus?
- A. Trojan horse
  - B. logic bomb
  - C. McAfee
  - D. redlof
30. What does ##### in a cell indicate in MS Excel?
- A. The contents of the cell are too large to be displayed
  - B. The contents are hidden
  - C. The cell is protected
  - D. The formula is incorrect

31. The cell reference for cell range of G2 to M12 is  
\_\_\_\_\_
- A. G2.M12
  - B. G2; M12
  - C. G2-M12
  - D. G2:M12
32. What is the keyboard shortcut for creating a chart for the selected cell range?
- A. F2
  - B. F4
  - C. F8
  - D. F11
33. Which of the following is not an option of the spelling dialog box in MS Word?
- A. Ignore
  - B. Ignore all
  - C. Edit
  - D. Change
34. In QBASIC, F5 key is used to,
- A. Open the program screen
  - B. Execute the program
  - C. To view the output screen
  - D. Not used in QBASIC at all

35. When the mouse pointer takes the shape of the hand while browsing a web page, it means that the text is a \_\_\_\_\_
- A. Hypertext
  - B. Hyperlink
  - C. Link Path
  - D. Web Link
36. A webpage is a collection of \_\_\_\_\_
- A. Websites
  - B. Hyperlinks
  - C. HTML documents
  - D. None of the above
37. Connecting different computers in an organized manner is called \_\_\_\_\_
- A. Internet
  - B. Intranet
  - C. Routing
  - D. Networking
38. The storage subsystem in a microcomputer consists mainly of \_\_\_\_\_ or \_\_\_\_\_ media with varying capacities.
- A. Memory or video
  - B. Magnetic or optical
  - C. Optical or memory
  - D. Video or magnetic

39. Which one of the following symbols is used to start and end a flowchart of a program?



40. In the URL <http://www.schoolzone.org>, which part is the protocol name?

- A. http
- B. www
- C. .org
- D. Schoolzone

41. Which one of the following is correct?

- A. 1 Byte= 8 bits = 2 nibble
- B. 1 Megabyte=1024 Kilobyte
- C. 1 Gigabyte = 1024 MB
- D. All the above

42. Parts of a webpage: What part is described in letter D?



- A. Title
- B. Text content
- C. Banner
- D. URL

43. http stands for \_\_\_\_\_.

- A. Hypertext Transmit Protocol Secure
- B. Hypertext Transfer Protocol
- C. Hypertext Transfer
- D. Protocol Secure

44. Default font of MS Word 2016.

- A. Calibri
- B. Arial
- C. Book Antiqua
- D. Centaur

45. Which of the following allows companies to design products without paper?

- A. Electronic mail
- B. Information technology
- C. Telecommunications
- D. Computer aided design software

## SECTION C - ACHIEVERS SECTION

46. What is the shortcut key to print a sheet in Excel?
- A. Ctrl + Shift + F1
  - B. Ctrl + Shift + F6
  - C. Ctrl + Shift + F12
  - D. Ctrl + Shift + F7
47. You can convert existing MS Excel worksheet data and chart to a HTML document by using the
- A. FTP Wizard
  - B. Internet assistant wizard
  - C. Internet Wizard
  - D. Import Wizard
48. How old do you have to be to sign up for Facebook?
- A. 18
  - B. 15
  - C. 14
  - D. 13
49. Which of the below QBASIC statements show error message as "Invalid statement"
- i) LET A = 90, 4
  - ii) LET A\$ = "Primrose"
  - iii) LET A\$ = 009
  - iv) Let A = "Primrose"
- A. Both i and ii
  - B. Only ii
  - C. Both i, iii and iv
  - D. All of the above

50. Choose the correct output for the below QBASIC program

```
CLS
LET K = 30
LET L = 5
LET M = 10
LET N = K * M
LET P = K * N
LET Q = L + M
END
```

- A. 300 9000 15
- B. 300 15 9000
- C. No output
- D. Error message





