SILVER ZONE FOUNDATION
NEW DELHI, INDIA

ENROLLMENT NUMBER:

STUDENT NAME:

Class **4**

Maximum Marks : 100
Duration : 60 Minutes
Total Questions : 50

Test Paper Type
BB

16th
iiO INTERNATIONAL INFORMATICS OLYMPIAD 2019-2020

Instructions for the Candidates

1. Write your 12 digit Enrollment Number and your name on top of the Question Paper in the given space.
2. Keep the OMR Sheet in good/neat condition. Do not fold/damage the OMR Sheet.
3. Do not forget to sign the OMR sheet.
4. The Question Paper Booklet consists of 50 questions, divided into three sections.
5. Section-A: Computer Science (30 questions); Section-B: Reasoning and Aptitude (10 questions); Section–C: Scholar's Zone (10 questions).
6. Each question of Section-A carries 2 marks, Section-B carries 1.5 marks and that of Scholar's Zone carries 2.5 marks.
7. All the questions are compulsory and there is no negative marking.
8. Use of calculator or any other devices in the examination is strictly prohibited.
9. Choose only ONE OPTION as an answer.
10. BLUE/BLACK ball pen is preferred to darken the circle, however, in case of non-availability an HB pencil can be used. Mark your choice of answer in the OMR sheet, by darkening a circle as shown below.
    Ⓐ Ⓑ ● Ⓓ
11. Rough work should be done on the blank sheet/space provided in the Question Paper Booklet.

1. Computers that fit into our hands are known as _____ .
   A. desktops   B. palmtops
   C. laptops   D. All of these

2. The basic architecture of computer was developed by:
   A. John von Neumann
   B. Charles Babbage
   C. Blaise Pascal
   D. Garden Moore

3. Which of the following allows you to have multiple desktop screens?
   A. Search box   B. Notification Area
   C. Virtual desktop D. All of these

4. Which of the following is an example of a non-impact printer?
   A. Dot matrix printer B. Daisy wheel printer
   C. Laser printer   D. Both A and B

5. _____ operates the entire hardware of a computer.
   A. Application software
   B. Memory
   C. System software
   D. All of these

6. What is the main purpose of the secondary storage device?
   A. To increase the speed of computer
   B. To install the operating system
   C. Networking
   D. To store data

7. In order to shut down your computer, first of all you will click on:
   A. All Apps option
   B. Shut down button
   C. Restart button
   D. Start window

8. Which of the following isn't a characteristic of high level languages?
   A. Machine code
   B. Platform independent
   C. Interactive execution
   D. User-friendly

9. What is the responsibility of the logical unit in the CPU of a computer?
   A. To produce result
   B. To compare numbers
   C. To control the flow of information
   D. To do maths work

10. From where can we change the name of a user account in Windows 10?
    A. Computer name   B. Control panel
    C. Setting   D. Admin

11. Which of the following is a type of impact printer?
    A. Dot matrix printer B. Daisy wheel printer
    C. Ink-jet printer   D. Both A and B

12. Who invented the Integrated Circuit (IC)?
    A. Herman Hollerith B. Jack Kilby
    C. Semen Korsakov   D. Bill Gates

13. Which of the following is true?
    A. 1 Byte = 4 bits
    B. 1 MB = 1024 GB
    C. 1 KB = 1024 MB
    D. 1 TB = 1024 GB

14. What is the full form of EEPROM?
    A. Extra Erasable Read Only Memory
    B. Electrically Erasable Read Only Memory
    C. Electrically Erasable Programmable Read Only Memory
    D. Existing Erasable Programmable Read Only Memory

15. What is the use of ⬜ button in any windows?
    A. Minimize a window
    B. Enlarge a window
    C. Close a window
    D. Return a window to its previous size

16. Which of the following command(s) is/are present in the Quick Access Toolbar of MS-Word 2013?
    A. Save as
    B. Undo
    C. Redo
    D. All of these

17. _____ converts an assembly language program into machine language.
    A. Assembler
    B. Interpreter
    C. Compiler
    D. All of these

18. EPROM stands for:
    A. Erasable Programmable Read Only Memory
    B. Electronic Programmable Read Only Memory
    C. Easily Programmable Read Only Memory
    D. Entire Programmable Read Only Memory

19. Which of the following is located just below the Title bar in Notepad?
    A. Menu bar
    B. Ruler
    C. Scroll bar
    D. Toolbar

20. Which menu contain(s) the Save As option in Notepad?
    A. File
    B. Insert
    C. Home
    D. View

21. Which of the following is not a programming language?
    A. Pascal
    B. Microsoft Office
    C. Java
    D. C++

22. Which scroll bar is used to move the text up or down?
    A. Top
    B. Bottom
    C. Vertical
    D. Horizontal

23. After copying the content, how many times can you paste it?
    A. 1
    B. 16
    C. 32
    D. Many

24. Arrange the following from top to bottom in the Word 2013 window:
    i.   Status bar
    ii. Ribbon
    iii. Document window
    iv. Title bar
    v.   Ruler
    A. iv, ii, v, iii, i
    B. iii, ii, iv, v, i
    C. iv, v, ii, i, iii
    D. i, ii, iii, iv, v

25. A word processor is most likely to be used to:
    A. keep an account of money spent.
    B. do a computer search in media centre.
    C. maintain an inventory.
    D. type a biography.

26. Which one of the following needs to be clicked to change the size of the words in the Notepad application?
    A. Font
    B. Word wrap
    C. Edit
    D. View

27. Which of the following allows you to flip a picture or selection in MS-Paint?
    A. Select
    B. Crop
    C. Resize
    D. Rotate

28. What will happen if Word wrap is not enabled in the Notepad application?
    A. Typing of letters will not be possible.
    B. Making letters capital will not be possible.
    C. The letters will be typed in a single line till the enter key is pressed.
    D. All of these

29. Large amounts of cheques are processed by using:
    A. OCR
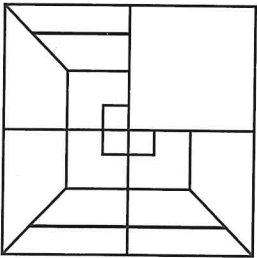   B. MICR
    C. OMR
    D. All of these

30. CD-ROM is a:
    A. Memory register
    B. Secondary Memory
    C. Semiconductor Memory
    D. All of these

31. Find the missing term.

    1, 8, 22, 50, ?, 218, 442

    A. 85
    B. 93
    C. 102
    D. 106

32. Which of the following options will complete the figure?
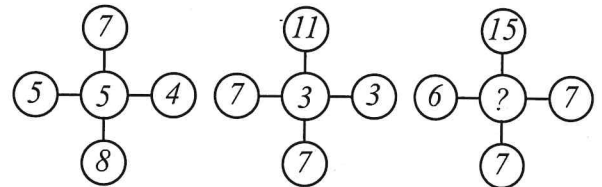

    A. B.

    C. D.

33. Find the odd one out.
    A. C E H   B. H J M
    C. P R V   D. K M P

34. Arrange the following letters to form a meaning full word.

N	G	D	E	A	L	N
1	2	3	4	5	6	7

    A. 3 2 5 7 1 4 6   B. 1 4 7 3 2 5 6
    C. 1 6 4 2 3 7 5   D. 4 1 2 6 5 7 3

35. Find the missing term.


    A. 15   B. 20
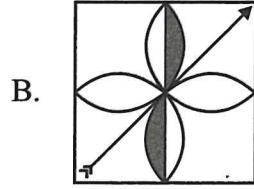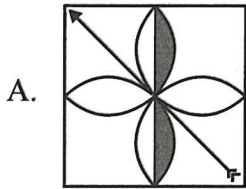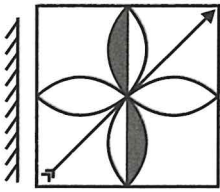   C. 25   D. 30

36. Mohit is seventeenth from the left end of a row of 40 boys and Rohit is seventeenth from the right end in the same row. How many boys are there between them in the row?
    A. 3   B. 5
    C. 6   D. 7

37. 'A' is the Daughter in law of D, who is the wife of B. F is the son of E, who is the only son of D So, how is 'B' related to 'F'?
    A. Father   B. Uncle
    C. Grandfather   D. Brother-in-law

38. Find the mirror image.

A.

B.

C.

D.
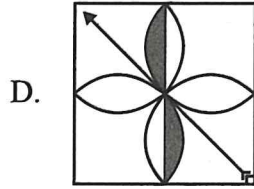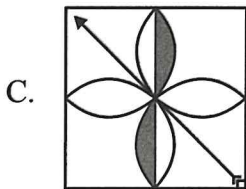
39. There are five friends-Sunil, Kamal, Manish, Anil and Raman. Sunil is shorter than Kamal, but taller than Raman. Manish is the tallest. Anil is little shorter than Kamal and little taller than Sunil. Who has two persons taller and two persons shorter than him?

A. Raman
B. Sunil
C. Kamal
D. Anil

40. Find the missing term.

7	9	5	7
10	12	8	10
9	2	7	6
11	7	6	?

A. 6
B. 8
C. 10
D. 11

Space for Rough Work

41. Which of the following devices can have the maximum storage of data?
    A. Compact Disk
    B. Hard Disk
    C. Optical Disk
    D. Magnetic Optical Disk

42. The operating system is a:
    A. System software
    B. Application software
    C. Utility software
    D. All of these

43. Which of the following is a point and draw device?
    A. Mouse   B. Scanner
    C. Printer   D. CD-ROM

44. In which of the following group of WordPad you can find an option to change text color?
    A. Clipboard   B. Font
    C. Paragraph   D. Editing

45. Which of the following is not an example of system software?
    A. Language translator
    B. Utility software
    C. Communication software
    D. Word processor

46. Which one of the following tools is used for viewing a closer view of an image?
    A. Air tool
    B. Ellipse tool
    C. Magnifying tool
    D. Eraser tool

47. File extension of a word document is:
    A. .xls   B. .doc
    C. .word   D. .jpeg

48. A toolbar that contains buttons used for performing common actions in WordPad like opening, saving or printing is:
    A. Title bar
    B. Standard Toolbar
    C. Formatting Toolbar
    D. Menu Bar

49. A program in execution is called:
    A. Process   B. Instruction
    C. Procedure   D. Function

50. In India, computers are used in many fields, but there are a few areas where computers are rarely used. Which of the following is one such field?
    A. Defense   B. Banking
    C. Gardening   D. Medicine

Space for Rough Work