

1. Javed and Saleem are playing a game where they earn points. The pattern below shows the number of points Javed has after each of the first five rounds of the game 8, 16, 32, 64, 128, Which rule explains the pattern of Javed's points?

- A. Add 2
- B. Add 8
- C. Multiply by 2
- D. Multiply by 8

2. This question is about Track and Field Day at Delhi Elementary School. All students participate in events for their class. The chart below shows the number of points awarded for first, second, third, and fourth place

Place	Points
First Place	10
Second Place	7
Third Place	5
Fourth Place	2

Mr. Vinod's class came in first in the 50-metre dash, fourth in the 3-legged race, second in the obstacle course, first in the Frisbee toss, and fourth in the water relay. There is one more event. The class wants to reach a total score of 36 points. What place do they need to win in order to reach their goal of 36 total points?

- A. Second place
- B. Third place
- C. Fourth place
- D. They have already scored 36 points

3. Choose the correct alternative that will continue the same pattern and fill in the blank space. 1, 4, 9, 16, 25, \_\_\_\_\_

- A. 35
- B. 36
- C. 48
- D. 49

4. Ritu wrote five numbers on the chalkboard, as shown below

9, 6, 13, 10, 7

Which sentence best describes her number pattern?

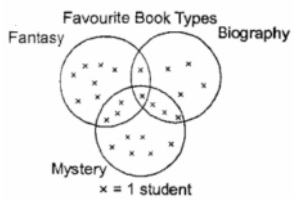
- A. Ritu is adding four to each number
- B. Ritu is subtracting two from each number
- C. Ritu is doubling each number
- D. Ritu is subtracting three from each number

5. What is the rule for this number pattern?

1, 2, 6, 24, 120, ...

- A. Add 0, then add 1, then add 2, and so on
- B. Multiply by 1, then multiply by 2, then multiply by 3, and so on
- C. Multiply by 1, then add 1
- D. Multiply by two, then subtract 1

6. According to this diagram, how many students have more than one favourite type of book?



- A. 3
- B. 5
- C. 7
- D. 8

7. Raymond drew the pattern below



What figure should Raymond draw next to continue the pattern?

- A.
- B.
- C.
- D.

8. Look at the figure given below



How will the top of this figure look like?

- A.
- B.
- C.
- D.

9. Anju is using white and shown below gray tiles to make the pattern



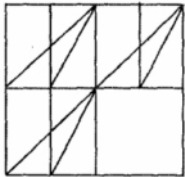
If she continues the pattern in the same way, how many tiles will be in the next column of gray tiles?

- A. 7
- B. 8
- C. 10
- D. 12

10. Which of the following is true for an equilateral triangle?

- A. One of the angles measure 90 degrees
- B. All of the angles measure 60 degrees
- C. Two of the angles measure less than 60 degrees
- D. Two of the angles measure greater than 60 degrees

11. Determine the figure which will complete the problem figure.



- A.
- B.
- C.
- D.

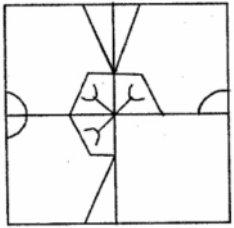
12. Which answer figure resembles the given figure?



- A.

- B.
- C.
- D.

13. Determine the figure which will complete the problem figure



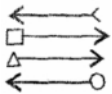
- A.
- B.
- C.
- D.

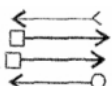

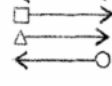
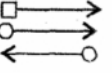
Yagna Innovation

14. Begin is to began as fight is to

- A. Flight
- B. Fought
- C. Fighter
- D. Beginning

15. Which answer figure resembles the given figure?



- A. 
- B. 
- C. 
- D. 

16. The spreadsheets, word processors, database management software and presentation software are types of software

- A. Application
- B. System
- C. Both (A) and (B)
- D. Processing

17. Appears to be legitimate software or files from a legitimate source

- A. Threat
- B. Virus
- C. Worm
- D. Trojan

18. A Graphicstabledis device

- A. Input
- B. Output
- C. Memory
- D. Printing

19. Which of the following is not a high level language?

- A. Foxpro
- B. C ++
- C. Java
- D. Machine /Assembly language

20. Which of the following hardware is used to connect computers in a network?

- A. Network cord
- B. Internet
- C. Intranet
- D. WWW

21. The shortcut for copy a file is

- A. CTRL+C
- B. CTRL+O
- C. CTRL+P
- D. None of these

22. A machine that is used to store, transfer and transform information at a very fast speed

- A. Subway
- B. Computer
- C. Mouse
- D. Icon

23. Bullets and Numbering option is present in the

- A. Format menu
- B. File menu
- C. View menu
- D. Edit menu

24. Pressing Ctrl + W simultaneously will

- A. Close the file
- B. Save the file
- C. Open the file
- D. Create duplicate file

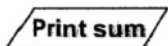
25. A spreadsheet application can do which of the following best?

- A. Design an Internet site
- B. Draw a butterfly
- C. Place a photograph into a report
- D. Average student grades

26. Find the odd term out

- A. Scanner
- B. Pointing device
- C. OMR
- D. Printer

27. Write the following in order



SUM = N1 + N2

START

Enter two numbers  
N1 & N2

- A. a, b, c, d, e
- B. c, d, a, e, b
- C. d, e, c, a, b
- D. d, a, e, c, b

28. Which of the following may destroy information on a computer?

- A. Virus
- B. Bacteria
- C. Default
- D. Back-up

29. While working in MS-Paint, the option which is used to show the drawing in a small reference window is

- A. Show grid
- B. Zoom in
- C. View bitmap
- D. Show thumbnail

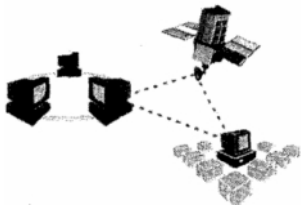
30. .... is not a secondary storage device

- A. Hard disk
- B. Floppy disk
- C. CD ROM
- D. ROM

31. Which icon in Windows helps us to manage all the files and folders on the computer?

- A. My computer icon
- B. Windows explorer icon
- C. Run icon
- D. Documents icon

32. The figure given below shows



- A. LAN
- B. WAN
- C. MAN
- D. RAM

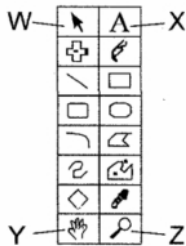
33. An electronic library catalog usually contains

- A. Links to the Internet
- B. A complete list of all the books in the library
- C. Prices and order forms
- D. Pictures

34. A picture or a clip art may be inserted in a Word document by

- A. Insert > pictures > clip art
- B. File > pictures > clip art
- C. Edit > picture > clip art
- D. Insert > clip art

35. Anu is using a graphic in a paint program. Which tool will allow her to put text under the graphics?



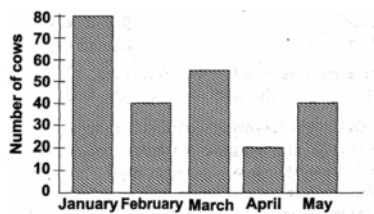
- A. W
- B. X
- C. Y
- D. Z

36. The numerals for eighty-five thousand, eight hundred and five is \_\_\_\_\_

- A. 8585
- B. 85805
- C. 80585
- D. 80085

37. The graph below shows the number of cows farmer sold from January to May. Study it carefully and answer the questions.





20 more cows were sold in February than in \_\_\_\_\_

- A. January
- B. April
- C. March
- D. May

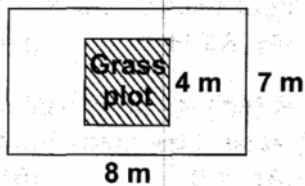
38. A waiter receives a tip that equals 15% of a customer's bill. If the meal costs Rs.6.50, about how much is the tip?

- A. About Rs.0.15
- B. About Rs.0.25
- C. About Rs.0.65
- D. About Rs.1.00

39. Mary has a new box of 64 crayons. She drops the box and 17 crayons are broken. How many crayons are NOT broken?

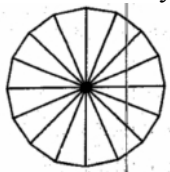
- A. 47 crayons
- B. 57 crayons
- C. 53 crayons
- D. 81 crayons

40. A rectangular garden measuring 8 m by 7 m, has a square grass plot as shown in the diagram below. Find the area of the garden not covered by the grass plot.



- A.  $16m^2$
- B.  $56 m^2$
- C.  $40 m^2$
- D.  $96 m^2$

41. How many triangles form 318 of the adjoining figure?

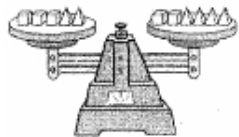


- A. 3
- B. 6
- C. 8
- D. 10

42. A shape has exactly four angles, exactly four sides and the sides are all of the same length. Which could be the shape?

- A. Triangle
- B. Pentagon
- C. Hexagon
- D. Rhombus

43. Each pyramid on the scale weighs 15gm. All the cubes have equal weights. What is the weight of one of the cubes



- A. 15gm
- B. 20gm
- C. 30gm
- D. 60gm

44. Some insects can lift objects that weigh 10 times their own weight. If a fourth grader who weighs 25 Kg could do the same, how much could she lift?

- A. 112Kg
- B. 35Kg
- C. 120 Kg
- D. 250 Kg

45. What is the least number you could make using all the numbers given below?

6,3,8,7

- A. Three thousand, six hundred seventy-eight
- B. Three thousand, eight hundred seventy-six
- C. Six thousand, three hundred seventy-eight
- D. Six thousand, eight hundred seventy-three

46. Mrs. Aggarwal bought two boxes of pens. Both boxes contained a total of 900 pens. The bigger box contained 120 more pens than the smaller box. How many pens were there in the smaller box?

- A. 400
- B. 390
- C. 320
- D. 350

47. 137211 written in words is \_\_\_\_\_

- A. One hundred, thirty-seven, two hundred and eleven
- B. One hundred and thirty-seven hundred, two hundred and eleven
- C. One hundred and thirty-seven thousand,

two hundred and eleven

D. One hundred and thirty thousand,  
seventy-two hundred and eleven

48. A tailor had 40 m of cloth. He sold 16.8 m of it and divided the remaining into 4 equal pieces. What was the length of each piece of remaining cloth?

- A. 4.2 m
- B. 11.6 m
- C. 5.8 m
- D. 23.2m

49. What is the sum of the 4 numbers in SQUARE 10?

1	2	5	6	9	10
3	4	7	8	11	12
SQUARE 1		SQUARE 2		SQUARE 3	

- A. 160
- B. 154
- C. 138
- D. 182

50. There are 168 lunches to be shared equally among 3 fourth-grade classes. How many lunches will go to each class?

- A. 56
- B. 165
- C. 171
- D. 504