

1. Kavita wrote **four sets** of whole numbers. Each set was supposed to follow a pattern.

Set K 3 6 9 12 15

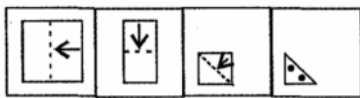
Set L 4 8 12 16 20

Set M 6 12 18 24 30

Set N 7 14 12 27 35

- A. Set K
- B. Set L
- C. Set M
- D. Set N

2. A piece of paper is folded and punched as shown in the question figure. From the given answer figures, indicate how it will appear when opened.



Question figure

A. Answer Figure



B. Answer Figure



C. Answer Figure



D. Answer Figure



3. Every week, Brajesh changes the security code on his computer. He follows these steps to come up with a new code.

Step 1. He finds the fifth word of the first sentence on the fifth page of that days newspaper.

Step 2 : He finds the number that goes with each of the letters in that word

(A = 1, B = 2, and so on)

Step 3. He adds all the numbers for the letters in the word. The total number is his security code.

Today, the first sentence on the fifth page is, "The new sculpture made of steel was placed in the town square today." What is Brajesh's new security code?

- A. 21
- B. 39
- C. 44
- D. 90

4. Plant is related to leaf in the same way as man is related to

- A. Animal
- B. Hand
- C. Living
- D. Brain

5. Piyush used a table to show how much money he got as pocket money compared to how much money he spent. How much money is he saving every time?

Money Earned(in Rs.)	7	11	13	18
Money Spent(in Rs.)	2	6	8	13

- A. Rs. 5
- B. Rs. 10
- C. Rs. 15
- D. Rs. 20

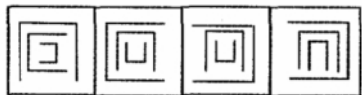
6. Beena asked her friends to guess the number of marbles she has. She gave them the following clues:

- The number is more than 5
- The number is less than 15
- When the number is divided by 2, the answer is an odd number.
- When the number is divided by 3, the answer is an even number.

How many marbles does Beena have?

- A. 6 marbles
- B. 10 marbles
- C. 12 marbles
- D. 14 marbles

7. Select the figure which is different from the other three figures.



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

8. Pratham made cones and cylinders out of paper. He cut a total of 10 circles for the bases. He made 4 cones. How many cylinders did he make?

- A. 1
- B. 2
- C. 3
- D. 6

9. If this pattern continues, what is the next number?

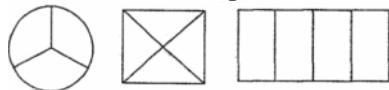
5, 8, 7, 10, 9, 12, 11

- A. 14
- B. 12
- C. 10
- D. 8

10. A train always has

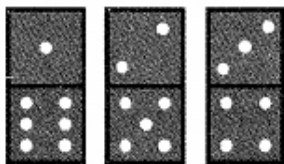
- A. Engine
- B. Rail
- C. Drive
- D. Guard

11. Which two shapes have been divided into the same number of pieces? circle square



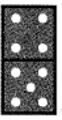
- A. Circle and square
- B. Circle and rectangle
- C. Square and rectangle
- D. Square and triangle

12. Rozy arranged her dice to make the pattern shown below.



Which dice should she put next to continue her pattern?

- A.
- B.
- C.



D.

13. Video: Cassette:: Computer:?

- A. Reels
- B. Floppy
- C. Recordings
- D. Files

14. Anu made the input-Output table below.

Input	Output
4	12
9	27
6	18
8	24
Anu's Input-Output Table	

What rule can be used to find each Output number?

- A. Multiply by 3
- B. Divide by 3
- C. Multiply by 4
- D. Divide by 4

15. Lily was reciting the 26 letters of the english alphabet in groups of 3: “ABC, DEF, GHI ,..“Before she could finish, her friend Nidhi said, “There will be 2 letters left over.” Which of the following suggests that Nidhi is correct?

- A. 13 multiplied by 2 equals 26
- B. 6 divided by 3 equals 2
- C. 26 divided by 3 leaves a remainder of 2
- D. 26 divided by 4 leaves a remainder of 2

16. MS- DOS stands for

- A. Microsoft Data Operating System
- B. Microsoft - Disk Operated System
- C. Microsoft - Disk Operating System
- D. Microsoft - Disk Operation System

17. The side bar in a window or word processor that has an arrow on both ends and a box in the middle that you use with your mouse to move the pages up or down

- A. Scroll bar
- B. Potato bar
- C. Roll bar
- D. Page bar

18. Which of the following is false

- A. Ctrl is used along with other keys for giving commands
- B. Page up is used to move up page by page
- C. Function key is used to take cursor to the beginning of line
- D. All of these

19. Tina was allowed to use a free graphics site on the internet at school. Which device does she need to copy a graphic from this site and paste it in her science project in word?

- A. Keyboard, mouse
- B. Scanner
- C. Monitor
- D. Printer

20. Puts information into the computer by pressing this key

- A. Caps lock
- B. Enter
- C. Tab
- D. Shift





21. Caps key is used to type the alphabets in capital. What is another method to do so?

- A. Shift + alphabet
- B. Ctrl + alphabet
- C. Alt + alphabet
- D. All of these

22. The pictorial representation of step by step solution to a problem is called

- A. Flow chart
- B. Program
- C. Algorithm
- D. Instructions chart

23. This key is used to move cursor to the beginning of the line or the screen depending on the software used. Identify the key

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

24. Which of the following is used to explore the internet?

- A. Browser
- B. Spreadsheet
- C. Clipboard
- D. Draw

25. The command which allows you to print is

- A. Ctrl + V
- B. Ctrl + R
- C. Ctrl + P
- D. Ctrl + O

26. The shortcut key to make the text Bold is

- A. Tab + B
- B. Shift + B
- C. Ctrl + B
- D. Ctrl + D

27. Which of the following sets of instructions will result in the given square?



- A. ? REPEAT 4 [FD 40 RT 90]
- B. ? REPEAT6[FD40 RT60]
- C. ?REPEAT360[FD1 RT1]
- D. ? PRINT 50

28. 1 KB is equal to -

- A. 1024 bytes
- B. 1048 bytes
- C. 1032 bytes
- D. 1052 bytes

29. Bit, Byte, KB, MB, GB are.....

- A. Measurement units of computer memory
- B. Units to measure speed
- C. Weight measures
- D. Length measures

30. A symbol or question on the screen that prompts you to take action and tell the computer what to do next

- A. Message
- B. Prompt and dialog box

- C. Hieroglyphic
- D. Morse code

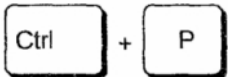
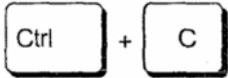


31. In MS-Paint, which tool is selected by default?

- A. Text
- B. Pencil
- C. Paint
- D. Eraser

32. When your computer stops working suddenly it is called

- A. Die
- B. Down
- C. Help
- D. Crash

33. The shortcut used to “Paste” the copied things is

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

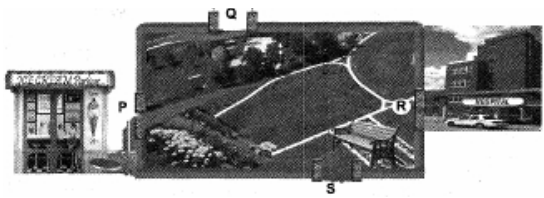
34. The Internet is a system of computers all over the world that are linked to one another. This type of system is considered

- A. An electronic database
- B. A local area network (LAN)
- C. A stand alone system
- D. A wide area network (WAN)

35. Start or restart the computer

- A. Exit
- B. Text
- C. Boot
- D. Programs

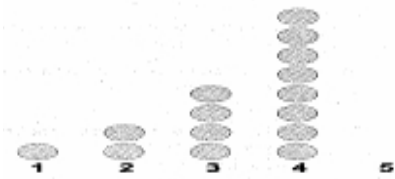
36. Look at the picture of the park carefully and answer the questions



If Rashmi enters from gate S, the flower bed will be to her _____

- A. Left
- B. Right
- C. Front
- D. None of these

37. If the pattern below continues, how many circles will be there in the column 5?



- A. 8
- B. 10
- C. 16
- D. 20

38. The fraction which represents objects cancelled in the collection



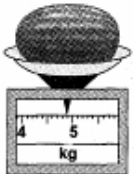
is

- A. 5/12
- B. 12/5
- C. 1/2
- D. 2/3

39. Julie has one hour to spend at the mall. She spends 30 minutes trying on clothes and 15 minutes in eating. How much time does she have now?

- A. 5 minutes
- B. 15 minutes
- C. 45 minutes
- D. 50 minutes

40. What is the weight of the watermelon shown?

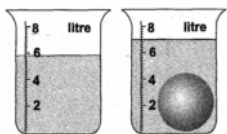


- A. 4 kg 800 g
- B. 4 kg 850 g
- C. 4 kg 900 g
- D. 4 kg 950 g

41. Mona and Tina made a cake and cut it into 8 equal pieces. They gave 3 pieces to Sona. What fraction of the cake is left?

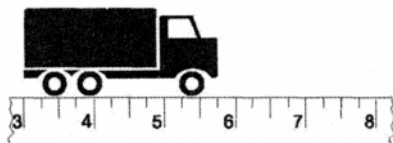
- A. $\frac{7}{8}$
- B. $\frac{5}{8}$
- C. $\frac{3}{8}$
- D. $\frac{1}{8}$

42. The 2 containers contain the same amount of water. What is the change in the water level when ball is dropped in 2nd container?



- A. Water level increases by 1 litre 100 ml
- B. Water level increases by 1 litre 200 ml
- C. Water level increases by 1 litre 300 ml
- D. Water level increases by 1 litre 400 ml

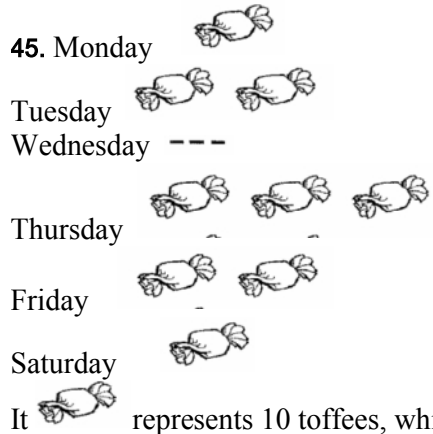
43. Use the given diagram to answer the question below. How long is the truck?



- A. $5\frac{3}{4}$ inches
- B. $2\frac{3}{4}$ inches
- C. $5\frac{1}{2}$ inches
- D. $2\frac{1}{2}$ inches

44. $\frac{1}{4} = \frac{?}{8}$ the missing digit is

- A. 32
- B. 40
- C. 2
- D. 4



- A. Monday
- B. Wednesday
- C. Thursday
- D. Saturday

46. $1\frac{1}{7}, 3\frac{2}{7} =$






- A. $4\frac{3}{7}$
- B. $5\frac{3}{7}$
- C. $\frac{1}{7}$
- D. $2\frac{3}{7}$

Yagna Innovation





47. The list below shows the number of trees on each side of a house






Side	Number of Trees
Front	3
Left Side	9
Back	12
Right Side	9






Which graph correctly shows how many trees are planted on each side?

A. Trees	
Front	
Left Side	
Back	
Right Side	
Each  means 3 trees	

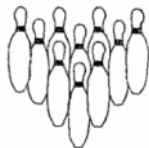
B. Trees	
Front	----

Left Side	
Back	
Right Side	
Each  means 3 trees	

C. Trees	
Front	
Left Side	
Back	
Right Side	
Each  means 3 trees	

D. Trees	
Front	
Left Side	
Back	
Right Side	
Each  means 3 trees	

48. Yash went bowling with his family. The bowling pins were set up as shown. If Yash knocked over $\frac{2}{5}$ of the pins, how many pins were left standing?



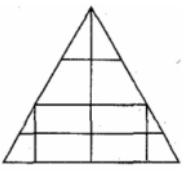
- A. 2
- B. 4
- C. 5
- D. 6

49. Find the value of "?" if each row and column are added to give the answer mentioned with them.

\otimes	\otimes	14
?	?	16
15	15	

- A. 7
- B. 8
- C. 12
- D. 15

50. How many horizontal lines are there in the adjoining figure?



- A. 3
- B. 4
- C. 5
- D. 6

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