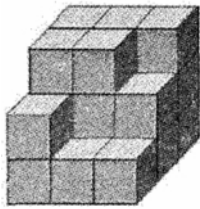


1. Use the picture to answer the question. How many more small cubes are needed to complete the large cube above?



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

2. In a village one half of the population work in the fields. Half of the population who do not work in fields are working in factories. Select the appropriate diagram in which shaded region is best representing people working in factories

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

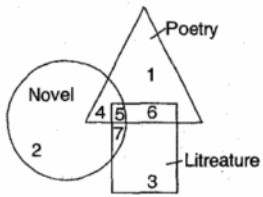
3. In the question given below a statement is followed by two arguments numbered (I) and (II). You have to decide which of the arguments is a 'strong' argument and which is a 'weak' argument? Choose your answer from the choices given below.
Statement: Should school education be made free in India?

Arguments:

- (I) Yes, this is the only way to improve the level of literacy.
- (II) No, it would add to the already heavy burden on the economy

- A. Only argument I is strong
- B. Only argument II is strong
- C. Either I or II is strong
- D. Neither I nor II is strong

4. In the following diagram, if ○ represents people who like to read novel, △ represents people who like to read poetry and □ represents people who like to read literature, then answer the following question. How many people like novel and literature both?



- A. 4
- B. 5
- C. 6
- D. 7

5. What is the sum of $3 + \varpi + \Sigma$?

- A. $\wedge Z$
- B. $\wedge \Sigma$
- C. \ominus
- D. $\square \Sigma$

6. Rearrange the following letters to form a meaningful word and then tell the middle alphabet in the arranged word.
ESURN

- A. U
- B. E
- C. S
- D. R

7. What letter should replace the question mark in the following series? A, B, D, G,?, P

- A. J
- B. I
- C. K
- D. L

8. Which number should come in place of question mark (?)



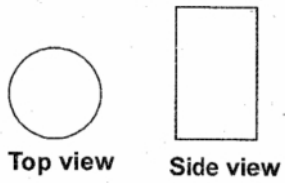
- A. 18
- B. 13
- C. 30
- D. -30

9. In a certain code language- 'Pat Zoo Sim' means 'Eat Good mangoes', 'Pus Sim Tim' means 'Mangoes and Sweets' and 'Tim Zoo Kit' means 'Purchase Good Sweets'. Which word in that language means 'Good'?



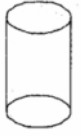
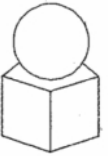
- A. Zoo
- B. Pus

- C. Sim
- D. Tim

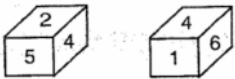
10. A new sculpture was built in a city park. The diagrams below show the top view and the side view of the sculpture



Which of the following pictures best shows the shape of the sculpture?

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

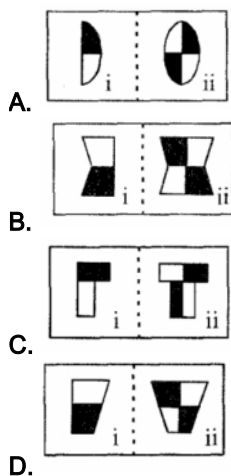
11. Two different positions of a dice are shown below. Which number will appear on the face opposite the number 4?



- A. 2
- B. 6
- C. 5
- D. 3

12. A related pair of figures is followed by four numbered pairs of figures. Out of these four, three have a relationship similar to that in the original pair. Only one pair of figures does not have a similar relationship. Choose the unsimilar pair.





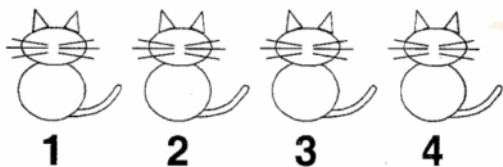
13. Shyam travels 7 km to the north. Then he turns to the right and walks 3 km. Then again he turns to his right and moves 7 km forward. How many km away is he from the starting point?

- A. 10 km
- B. 20 km
- C. 13km
- D. 3km

14. ABEF is related to BCFG in the same way as GHKL is related to.....

- A. HIML
- B. HILM
- C. FGKJ
- D. HIKJ

15. Use the clues below to label each cat



The gray cat is not first.

The tabby cat is to the right of the white cat.

The white cat is not last.

The black cat is between the tabby and gray cats.

Which of the following lists has the cats in the correct order?

- A. white, tabby, black, gray
- B. tabby, black, white, gray
- C. tabby, black, gray, white
- D. white, tabby, gray, black

16. A standard CD-ROM disk spins between

- A. 240-1170rpm
- B. 140-150rpm
- C. 1100-1175rpm
- D. 1115-1180 rpm

17. Match the following.

Column I	Column II
(a) An e-mail sent from one computer to another reaches almost instantly. (i) True	
(b) HTML is a computer language used to make web pages.	(ii) False
(c) A virus is a computer program, which can be executed by you at your will.	

- A. a - i, b - i, c - ii
- B. a - ii, b - i, c - ii
- C. a - ii, b - ii, c - i
- D. a - i, b - ii, c - ii

18. Which of the keys is used to move the cursor to the start of a line?

- A. Home
- B. Page up
- C. Ctrl page up
- D. Ctrl Home

19. The electrically erasable read only memory that can be programmed through use of special electrical pulses is

- A. ROM
- B. EPROM
- C. EPROM
- D. PROM

20. The program required to translate -a program written in a highlevel language into machine level language to make the computer understand it is

- A. Converter
- B. Translator
- C. Compiler
- D. Oracle

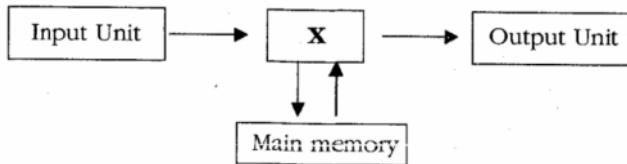
21. Shortcut key to make the selected text in center -

- A. Ctrl + C
- B. Ctrl + E
- C. Ctrl + J
- D. Ctrl + R

22. DBR also means

- A. DOS Boot record infector virus
- B. Data Bad record infector virus
- C. Digits Binary reading infector virus
- D. Duplicate Boot record infector virus

23. What is X ?



- A. ALU
- B. CPU
- C. Monitor
- D. Keyboard

24. Find the odd term out

- A. Dbase
- B. Foxpro
- C. Oracle
- D. FORTRAN

25. Bugs are

- A. Clerical mistakes and errors that crop up in rogram.
- B. Testing kits for programs
- C. Caused by loose connections
- D. Found on tapes stored for long time

26. Computers that are being used to process data from submarines are

- A. Mainframe computers
- B. Mini computers
- C. Super computers
- D. Micro computers

27. Unit of measuring CPU clock speed is -

- A. MHz
- B. GHz
- C. MIPS
- D. All of these

28. Software that allows you to surf the net is called a

- A. Search engine

- B. Browser
- C. Internet service provider
- D. Website

29. The unit of a computer system that executes program, communicates with and often controls the operation of other subsystems of the computer is known as

- A. CPU
- B. Control Unit
- C. I/O unit
- D. Peripheral unit

30. A webpage is related to front page, DBMS is related to

- A. MS-Excel
- B. Java
- C. MS-Dos
- D. MS-Power point

31. Datasheet view is used to

- A. Create a custom table design
- B. Enter data into a data sheet format
- C. Select a sample table
- D. Link to an existing data source

32. Area of application of Third Generation computer is

- A. Education
- B. Small Business
- C. Estimation & Analysis
- D. All of these





33. In the start menu, the option that is used to find files and folders on the computer is

- A. Programs
- B. Find
- C. Run
- D. Settings

34. BASIC and FORTRAN are

- A. Machine languages
- B. Assembly languages
- C. Low level languages
- D. High level languages

35. Match the following

1. Compact Disc	A. 
2. Mouse	B. 
3. Optical Scanner	C. 
4. Floppy	D. 

- A. 1 b, 2a, 3d, 4c
- B. 1c, 2b, 3a, 4d
- C. 1d, 2c, 3b, 4a
- D. 1a, 2d, 3c, 4b

36. In the given questions there are three set of numbers around circles. All the circles are numbered except one. Find the missing number



- A. 11
- B. 8
- C. 9
- D. 19

37. Solve the following questions if the symbols are as given below:

- ? = +
- * = ÷
- # = ×
- + = -
- ÷ = ×
- = ÷
- × = +

100? 100* 20 ÷ 20 = ?

- A. 200
- B. 400
- C. 201
- D. 550

38. What is the ratio of the two numbers whose sum is 72 and the measure of which is $\frac{2}{7}$?

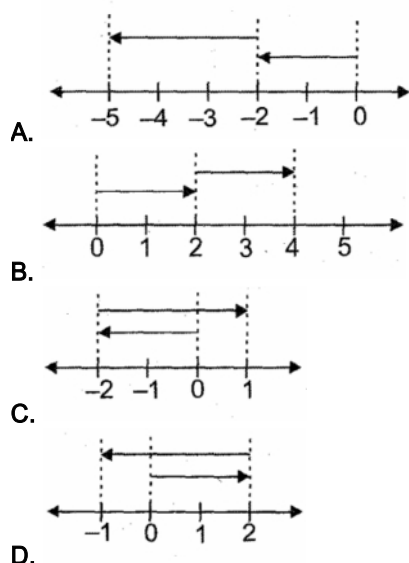
- A. 16: 56
- B. 14: 56
- C. 15: 56
- D. 16: 72

39. Which number goes in the place of question mark to make the fractions equivalent?

$$\frac{1}{10} = \frac{?}{50}$$

- A. 1
- B. 2
- C. 5
- D. 10

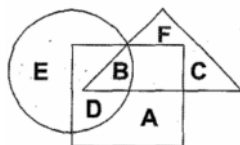
40. Which of the following represents the number line for operation $0 - (-2) - (-3)$?



41. A duck flew at 18 miles per hour for 3 hours, then at 15 miles per hour for 2 hours. How far did the duck fly in all?

- A. 69 miles
- B. 75 miles
- C. 81 miles
- D. 84 miles

42. In the given diagram, three classes of population are represented by three figures. The triangle represents the school teachers, the square represents the married persons and the circle represents the persons living in joint families. Married persons living in joint families but not working as school teachers are represented by



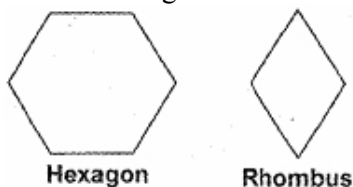
- A. C
- B. F

- C. D
- D. A

43. Which has the greatest value: 113, 30%, or 0.31?

- A. 1/3
- B. 30%
- C. 0.31
- D. They all have exactly the same value

44. Use the figures below to answer the question



If the hexagon equals one whole, what fractional part of the hexagon is one rhombus?

- A. 1/3
- B. 1/2
- C. 1/6
- D. 1/4

45. If each side of a cube is doubled, its volume

- A. is doubled
- B. becomes 4 times
- C. becomes 6 times
- D. becomes 8 times

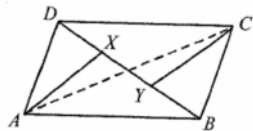
46. In an examination one should get 36% of the maximum marks to pass. A student obtains 113 marks and declared failed by 85 marks. The maximum marks are

- A. 500
- B. 550
- C. 640
- D. 1008

47. Which expression is the sixth term in this pattern? $\frac{2a^2}{b}, \frac{4a^4}{b^2}, \frac{8a^6}{b^3}, \frac{16a^8}{b^4}, \dots$

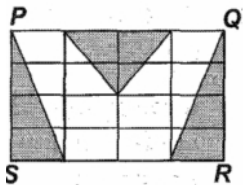
- A. $\frac{64a^{12}}{b^6}$
- B. $\frac{64a^{14}}{b^6}$
- C. $\frac{128a^{12}}{b^6}$
- D. None of these

48. In the adjoining figure, ABCD is a parallelogram. $DX = XY = YB$ then,



- A. $AX \parallel YC$
- B. XAYC is a parallelogram
- C. AC bisects XY
- D. All of these

49. In the given figure, the small rectangles in the rectangle P Q P QRS are identical. What is the ratio of the shaded portions to the unshaded portions?



- A. 3:5
- B. 2:1
- C. 2:5
- D. 3:7

50. Solve the following questions if the symbols are as given below:

- ? = +
- * = ÷
- # = ×
- + = -
- ÷ = ×
- = ÷
- × = +

$$40 * 10 \# 100 - 5 = ?$$

- A. 80
- B. 90
- C. 70
- D. 65