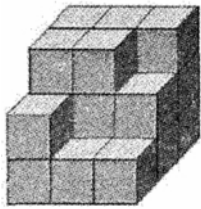


1. Use the picture to answer the question. How many more small cubes are needed to complete the large cube above?



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

Answer:: D

[YagnaQRefNo: 3-136] [Q Level: Unknown]

[logical And Analytical Reasoning]

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.

Answer:: A

[YagnaQRefNo: 3-118] [Q Level: Unknown]

[logical And Analytical Reasoning]

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

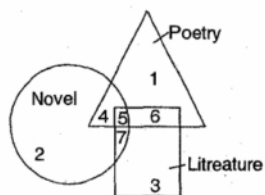
Answer:: A

[YagnaQRefNo: 3-122] [Q Level: Unknown]

[logical And Analytical Reasoning]

4. In the following diagram, if \circ represents people who like to read novel, \triangle represents people who like to read poetry

and \square 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

Answer:: D

[YagnaQRefNo: 3-114] [Q Level: Unknown]

[logical And Analytical Reasoning]

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

- A. ΔZ
- B. $\Delta \Sigma$
- C. \ominus
- D. $\square \Sigma$

Answer:: A

[YagnaQRefNo: 3-105] [Q Level: Unknown]

[logical And Analytical Reasoning]

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

Answer:: D

[YagnaQRefNo: 3-111] [Q Level: Unknown]

[logical And Analytical Reasoning]

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

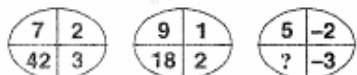
- A. J
- B. I
- C. K
- D. L

Answer:: C

[YagnaQRefNo: 3-72] [Q Level: Unknown]

[logical And Analytical Reasoning]

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



- A. 18

- B. 13
- C. 30
- D. -30

Answer:: C

[YagnaQRefNo: 3-101] [Q Level: Unknown] [logical And Analytical Reasoning]

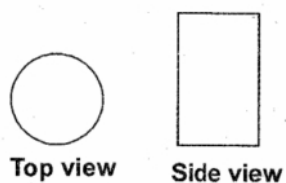
9. In a certain code language- 'Pat Zoo Sim' means 'Eat Good mangoes', 'Pus Sim Tim' means 'Mangoes and Sweets' and 'Tim Zoo Kit' means 'Purchase Good Sweets'. Which word in that language means 'Good'?

- A. Zoo
- B. Pus
- C. Sim
- D. Tim


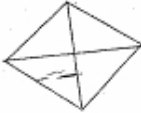
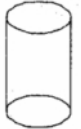

Answer:: A

[YagnaQRefNo: 3-67] [Q Level: Unknown] [logical And Analytical Reasoning]

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



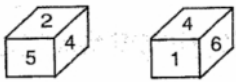
Which of the following pictures best shows the shape of the sculpture?

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

Answer:: C

[YagnaQRefNo: 3-70] [Q Level: Unknown] [logical And Analytical Reasoning]

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

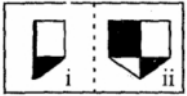


- A. 2
- B. 6
- C. 5
- D. 3

Answer:: D

[YagnaQRefNo: 3-57] [Q Level: Unknown] [logical And Analytical Reasoning]

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



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

Answer:: B

[YagnaQRefNo: 3-116] [Q Level: Unknown] [logical And Analytical Reasoning]

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

Answer:: D

[YagnaQRefNo: 3-108] [Q Level: Unknown] [logical And Analytical Reasoning]

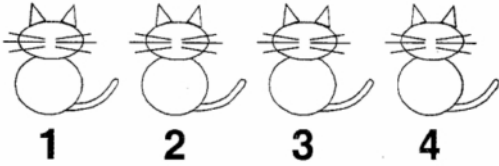
14. ABEF is related to BCFG in the same way as GHKL is related to.....

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

Answer:: B

[YagnaQRefNo: 3-19] [Q Level: Unknown] [logical And Analytical Reasoning]

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

Answer:: A

[YagnaQRefNo: 3-62] [Q Level: Unknown]

[logical And Analytical Reasoning]

16. A standard CD-ROM disk spins between

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

Answer:: A

[YagnaQRefNo: 4-19] [Q Level: Unknown]

[Computer and information technology]

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

Answer:: A

[YagnaQRefNo: 4-117] [Q Level: Unknown]

[Computer and information technology]

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

Answer:: A

[YagnaQRefNo: 4-109] [Q Level: Unknown] [Computer and information technology]

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

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

Answer:: B

[YagnaQRefNo: 4-101] [Q Level: Unknown] [Computer and information technology]

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

Answer:: C

[YagnaQRefNo: 4-13] [Q Level: Unknown] [Computer and information technology]

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

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

Answer:: B

[YagnaQRefNo: 4-119] [Q Level: Unknown] [Computer and information technology]

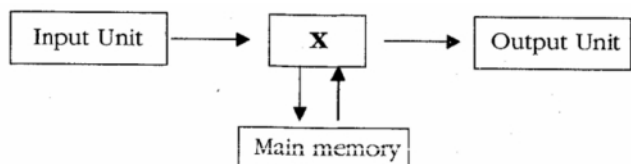
22. DBR also means

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

Answer:: A

[YagnaQRefNo: 4-89] [Q Level: Unknown] [Computer and information technology]

23. What is X ?



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

Answer:: B

[YagnaQRefNo: 4-169] [Q Level: Unknown] [Computer and information technology]

24. Find the odd term out

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

Answer:: D

[YagnaQRefNo: 4-134] [Q Level: Unknown] [Computer and information technology]

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

Answer:: A

[YagnaQRefNo: 4-64] [Q Level: Unknown] [Computer and information technology]

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

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

Answer:: C

[YagnaQRefNo: 4-79] [Q Level: Unknown] [Computer and information technology]

27. Unit of measuring CPU clock speed is -

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

Answer:: D

[YagnaQRefNo: 4-156] [Q Level: Unknown] [Computer and information technology]

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

- A. Search engine
- B. Browser
- C. Internet service provider
- D. Website

Answer:: B

[YagnaQRefNo: 4-1] [Q Level: Unknown] [Computer and information technology]

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

Answer:: A

[YagnaQRefNo: 4-84] [Q Level: Unknown] [Computer and information technology]

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

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

Answer:: A

[YagnaQRefNo: 4-53] [Q Level: Unknown] [Computer and information technology]

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

Answer:: B

[YagnaQRefNo: 4-58] [Q Level: Unknown] [Computer and information technology]

32. Area of application of Third Generation computer is -

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

Answer:: D

[YagnaQRefNo: 4-65] [Q Level: Unknown] [Computer and information technology]

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

Answer:: B

[YagnaQRefNo: 4-126] [Q Level: Unknown] [Computer and information technology]

34. BASIC and FORTRAN are




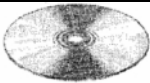
- A. Machine languages
- B. Assembly languages

- C. Low level languages
- D. High level languages

Answer:: D

[YagnaQRefNo: 4-45] [Q Level: Unknown] [Computer and information technology]

35. Match the following

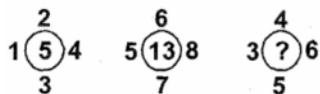
1. Compact Disc	A. 
2. Mouse	B. 
3. Optical Scanner	C. 
4. Floppy	D. 

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

Answer:: C

[YagnaQRefNo: 4-107] [Q Level: Unknown] [Computer and information technology]

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

Answer:: C

[YagnaQRefNo: 2-119] [Q Level: Unknown] [mental ability]

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

- ? = +
- * = +
- # = x
- + = -
- + = x
- = +
- x = +

100? $100 * 20 \div 20 = ?$

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

Answer:: A

[YagnaQRefNo: 2-178] [Q Level: Unknown] [mental ability]

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

Answer:: A

[YagnaQRefNo: 2-280] [Q Level: Unknown] [mental ability]

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

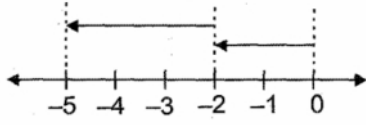
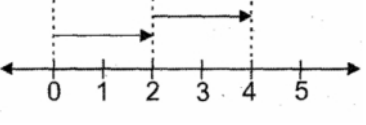
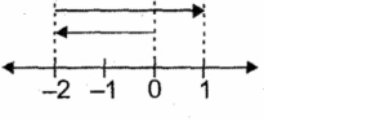
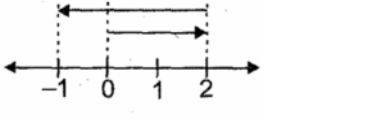
$$\frac{1}{10} = \frac{?}{50}$$

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

Answer:: C

[YagnaQRefNo: 2-6] [Q Level: Unknown] [mental ability]

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

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

Answer:: A

[YagnaQRefNo: 2-40] [Q Level: Unknown] [mental ability]

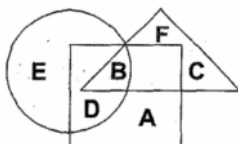
41. A duck flew at 18 miles per hour for 3 hours, then at 15 miles per hour for 2 hours. How far did the duck fly in all?

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

Answer:: D

[YagnaQRefNo: 2-157] [Q Level: Unknown] [mental ability]

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

Answer:: C

[YagnaQRefNo: 2-189] [Q Level: Unknown] [mental ability]

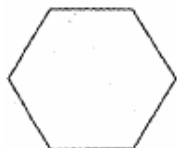
43. Which has the greatest value: 1/3, 30%, or 0.31?

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

Answer:: A

[YagnaQRefNo: 2-33] [Q Level: Unknown] [mental ability]

44. Use the figures below to answer the question



Hexagon



Rhombus

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

Answer:: A

[YagnaQRefNo: 2-76] [Q Level: Unknown] [mental ability]

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

Answer:: D

[YagnaQRefNo: 2-4] [Q Level: Unknown] [mental ability]

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

Answer:: B

[YagnaQRefNo: 2-192] [Q Level: Unknown] [mental ability]

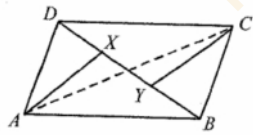
47. Which expression is the sixth term in this pattern? $\frac{2a^2}{b}, \frac{4a^4}{b^2}, \frac{8a^6}{b^3}, \frac{16a^8}{b^4}, \dots$

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

Answer:: A

[YagnaQRefNo: 2-208] [Q Level: Unknown] [mental ability]

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

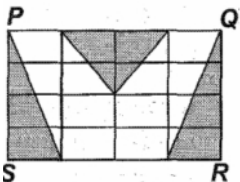


- A. $AX \parallel YC$
- B. XAYC is a parallelogram
- C. AC bisects XY
- D. All of these

Answer:: D

[YagnaQRefNo: 2-3] [Q Level: Unknown] [mental ability]

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

Answer:: A
[mental ability]

[YagnaQRefNo: 2-270] [Q Level: Unknown]

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

$$? = +$$

$$* = +$$

$$\# = \times$$

$$+ = -$$

$$\div = \times$$

$$- = \div$$

$$\times = +$$

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

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

Answer:: A
[mental ability]

[YagnaQRefNo: 2-106] [Q Level: Unknown]

Yagna Innovation