ACCENTURE
2023

A C C E N T U R E 2023	Stage	Name of the Stage	What's tested?	No. of Questions	Duration (Minutes)
	1	Cognitive and Technical Assessment	**Cognitive -** English Ability, Analytical Reasoning & Numerical Ability **Technical –** Pseudocoding, Common Application and MS Office, Fundamentals of Networking, Security and Cloud	Cognitive - 50 questions Technical - 40 questions	90
	2	Coding	**Fundamentals of Programming** – any language of choice between C/ C++/ Java/ Python/ DOT Net	2	45
	3	Communication Test	Pronunciation, Fluency, Sentence Mastery and Vocabulary	NA	Approx 20
	4	Interview	Learning Agility and Communication – Tested by 2 panel members	Varies for each candidate	Approx 30

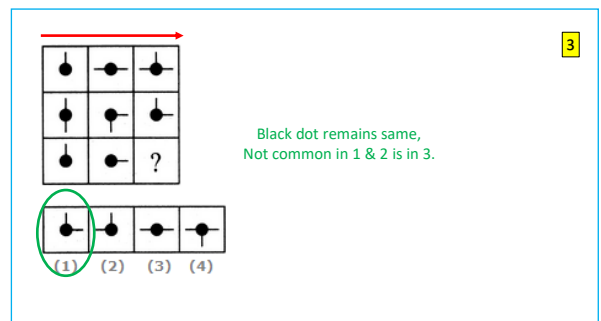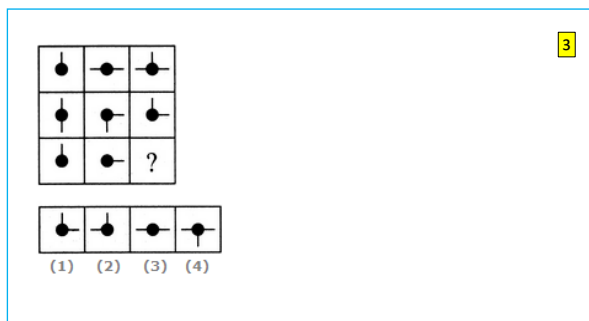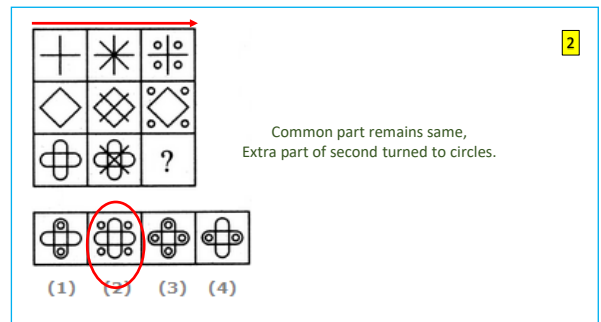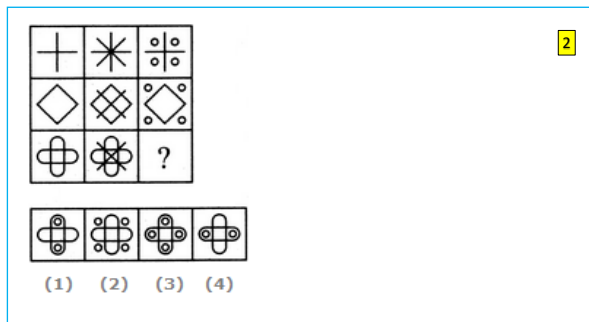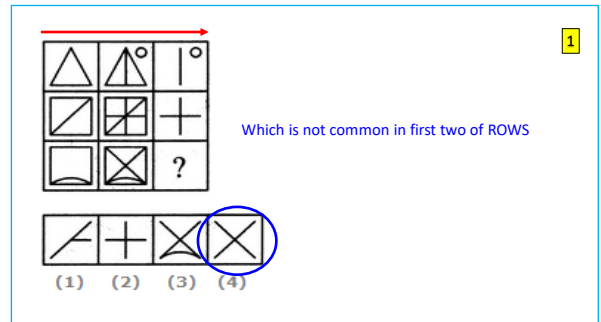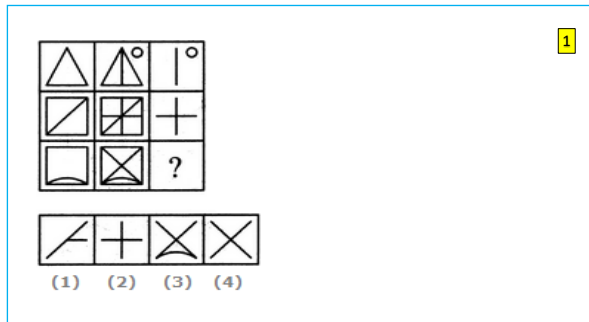| Accenture Test Rounds	Number of questions
English Ability	17 Ques
Critical Reasoning and Problem Solving	18 Ques
Abstract Reasoning	15 Ques
Common Application and MS Office	12 Ques
Pseudo Code	18 Ques
Networking Security and Cloud	10 Ques

Topics for Abstract & Critical Reasoning:

1. Blood Relations.
2. Data Interpretation.
   (Tables, Line Graphs,
   Bar Graphs, and Pie Charts)
3. Data Sufficiency.
4. Picture Patterns.
5. Seating Arrangement OR
   Puzzles.
6. Coding and Decoding
7. Ranking Test.

8. Number Series.
   Letter Series.
   Letter Number Series
9. Syllogism
10. Inferred Meaning.
11. Flow Charts
12. Statements and Conclusions.
13. Statements and Arguments.
14. Geo Sudo OR
    Deductive Logical Thinking.
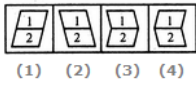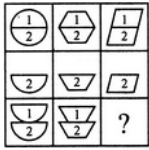15. Venn Diagrams

Accenture Test Pattern

Accenture Test Pattern	Sections	Details	Questions
Round 1 (Written Test)	6 Internal Sections	1. Verbal Ability 2. Critical Reasoning 3. Abstract Reasoning 4. Common Applications 5. Pseudo Code 6. Network Security	90
Round 2 (Coding Round)	No Internal Sections	Can Code in any of the below Languages C, C++, Dot Net, JAVA, Python	2
Round 3 (Communication Test)	No Internal Sections	Will be judged on Sentence Mastery, Fluency, Pronunciation, Vocabulary	20

Accenture Critical Reasoning, Problem Solving and Abstract Reasoning Detailed Syllabus

Accenture Logical Topics	No. of questions	Difficulty Level
Arrangements	1-2	Medium
Visual Reasoning	0-1	Medium
Blood Relations	1-2	Medium
Flow chart	1-2	Medium
Statement and Conclusion	1-2	Medium
Coding-Decoding	1-2	Medium
Psychometric	1-2	Medium
Directional Sense	1-2	Medium
Analogies	1-2	Medium
Seating Arrangement	1-2	Medium
Inferred Meaning	1-2	Medium

1

1

Which is not common in first two of ROWS

2

2

Common part remains same,
Extra part of second turned to circles.

3

3

Black dot remains same,
Not common in 1 & 2 is in 3.

4

4
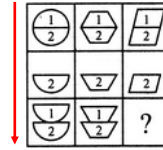
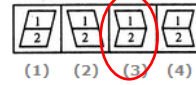Lower part remain same,
Upper part flipped vertically and surmounted

5
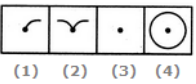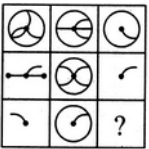
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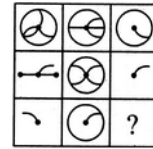
Common parts of 1 & 2 are in 3.

6

6

Not Common parts of 1 & 2 are in 3.

7

(1) (2) (3) (4)

7

The number of components
in each row either increases
or decreases from left to right.

(1) (2) (3) (4)

8

(1)   (2)   (3)   (4)

8

(1)   (2)   (3)   (4)

9

(1) (2) (3) (4)

9
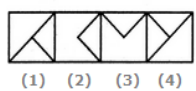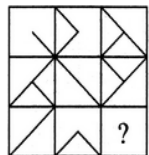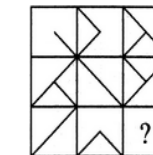
Not Common parts of 1 & 2 are in 3.

(1) (2) (3) (4)

10
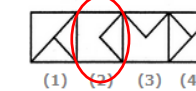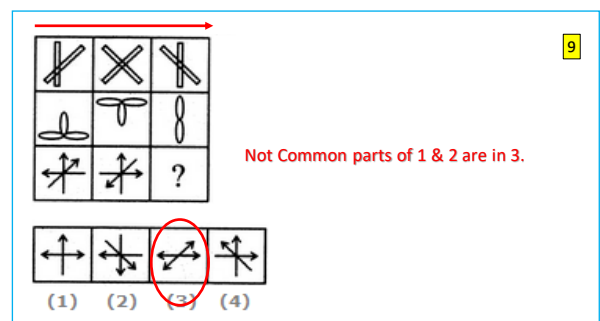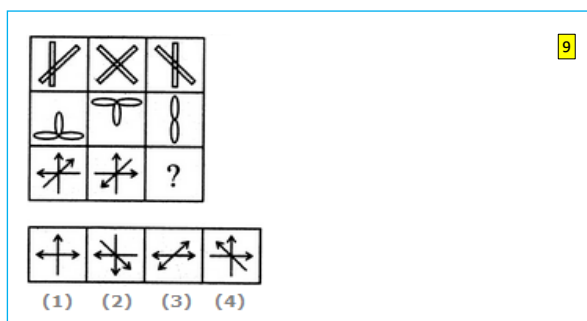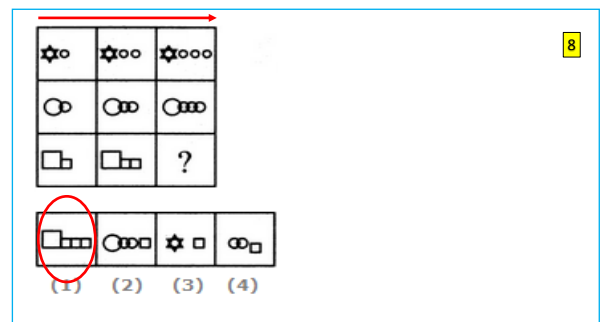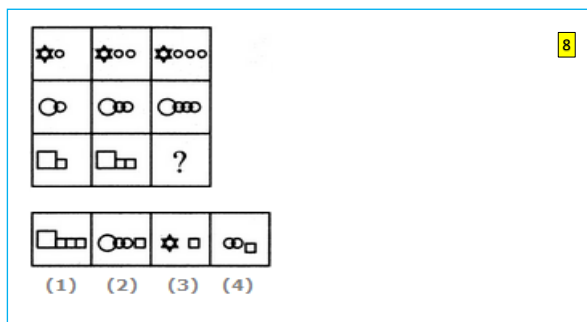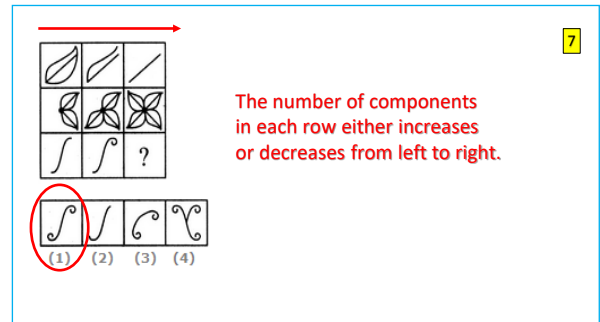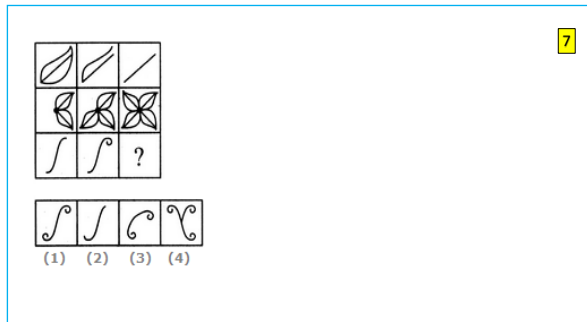
10

Row or Column containing
2, 3 & 4 line segments

11

The statements given below are followed by some conclusions. Assume the statements are true, even if they contradict commonly known facts, and determine the conclusion/s that follow/s from the statements logically.

Statements:
I. All jackals are tigers.
II. No tiger is lion
III. Some lions are caterpillars.

Conclusions:
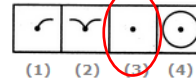I. Some caterpillars are jackals.
II. Some lions are jackals
III. Some tigers are jackals.

a) Only conclusion III follows
b) Only conclusion II and III follows
c) Only conclusion I and II follows
d) Only conclusion I and III follows

12

12

First arrow remains same,
Second taking opposite direction

13

13

Flipped horizontally.
The number of components
in each row either increases
or decreases from left to right.

(1) (2) (3) (4)

14

(1) (2) (3) (4)

14

Closed shape went up & right.
Line hit opposite wall & doubled.

(1) (2) (3) (4)

15

(1) (2) (3) (4)

15

(1) (2) (3) (4)

16

Statements:
I. Some apples are guavas.
II. All apples are oranges.
III. No orange is a papaya.
IV. All papayas are guavas.

Conclusions:
I. Some papayas are apples.
II. Some oranges are papayas.
III. Some guavas are oranges.

A. Only conclusion III follows
B. Either conclusion I or conclusion III follows
C. None follow
D. Only conclusion I follows

O
A
P   G

17

'X * Y' means 'X is either greater than or equal to Y'.
'X - Y' means 'X is neither greater than nor smaller than Y'.
'X $ Y' means 'X is smaller than Y'.

Statements: I. M + J   II. J/Y   III. Y$K   IV. K - N
                                      → Y < K   → K = N

Conclusions: I. K * J   II. J + N   III. K $ M
                      → K ≥ J   → K < M

A. Only conclusion I and conclusion III follow
B. None follow
C. Only conclusion I and conclusion II follow
D. Only conclusion II and conclusion III follow

18

Question: How many questions did Jacob attempt in the English test?

Statements:
I. There were 35 questions in the test.
II. He got 25 marks in the test, in which every correct answer fetched
1 mark, for every unattempt questions fetched 0 mark, and for every
incorrect answer ½ mark was deducted from the total.

A. Each statement alone is sufficient to answer the question.
B. Only one of the statements, alone, is sufficient to answer
the question but other statement is not.
C. Statements I and II together are not sufficient to answer the
question asked and additional data to the problem is needed.
D. Both statements I and II together are sufficient to answer
the question asked but neither statement alone is sufficient.

19

Six friends - Sheldon, Jack, Justin, Bruce, Peter
and Nicholas are sitting around a circular table,
not necessarily in the same order.
All of them are facing the center.

I. Peter is sitting exactly opposite to Jack.
II. Justin is the only person sitting between Bruce and Peter.
III. Sheldon is sitting to the immediate left of Jack.
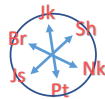
19

i) Who among the following are not the immediate neighbors?

A. Bruce and Justin
B. Nicholas and Peter
C. Nicholas and Justin
D. Jack and Sheldon

19
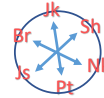
ii) Who is sitting second to the right of Peter?

A. Peter
B. Justin
C. Jack
D. Sheldon

19
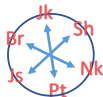
iii) Who is sitting to the opposite of Sheldon?

A. Bruce
B. Justin
C. Peter
D. Nicholas

7

19
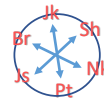
iv) Which of the following is false regarding the position of Jack?

A. Jack is sitting third of the left of Nicholas.
B. Jack is sitting second to the right of Nicholas.
C. Jack is sitting between Bruce and Sheldon.
D. Jack is sitting to the immediate left of Bruce

20

There were six participants - M, N, O, P, Q and R in the final of coffee making competitions. The six participants belong to six different locations - Delhi, Mumbai, New York, Paris, Tokyo and London. David, the judge of this competition, rated the coffee prepared by the participants on a scale Of 1 to 10 giving a unique rating to each participant.

	M – 5
	N – 2
	O – 2Q = 6
NY	P – 9
	Q – 3
LNDN	R – 7

I. R was from London.
II. Participants from New York got the highest ranking, but was not O.
III. Only two participants got ratings in even numbers.
IV. The rating of O was double the rating of Q.
V. N got the minimum rating and the rating was an even number.
VI. O got a higher rating than M.

20

i) What was the second highest rating given?

    A. 7   B. 8   C. 9   D. 6

ii) Who belongs to New York?

    A. P   B. Q   C. cnd   D. M

iii) What was the rating of coffee prepared by Q?

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

iv) Which of the following statements is definitely true?

A. P got a rating of 10   B. M got a rating of 5
C. O belongs to Mumbai   D. Q belongs to Paris

	M – 5
	N – 2
	O – 2Q = 6
NY	P – 9
	Q – 3
LNDN	R – 7

21

Royal Air Services Passengers (in thousands)
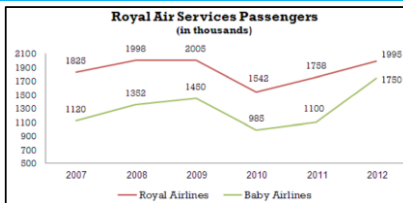
Approximately what proportion of overall ticket sales did Baby Airlines account for in 2012?

A. 39%   B. 41%
C. 43%   D. 45%   E. 47%

$$\frac{1750 \times 100}{1750 + 1995} = 46.7 = 47\%$$

22

a   b   c   d   e

22
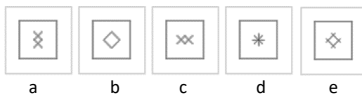
a   b   c   d   e

In fig. 1, 3, 5 lines are moving closure to form a cross.
In fig 2, 4, 6 lines are moving closure to form a diamond.

23

| | a | b | c | d | e |

23

2 Triangles 1 Circle, 2 Circles 1 Triangle alternate.
Black shape moving clockwise direction.

24

Box No	1	2	3	4	5	6	7	8	9	10
	−4	0	−1	2	−2	4	−3	6	−4	8

P-> **Add**: (number in Box 9)+(number in Box 6). Put the result in Box 3.

Q-> **Is** (number in Box 2) < (number in Box 3)?

R-> **Divide** : (number in Box 1) / (number in Box 4). Put the result in Box 10.

S-> **Add**: (number in Box 10) + (number in Box 5). Put the result in Box 8.

T-> **Multiply**: (number in Box 8) * (number in Box 4). Put the result in Box 7.

24

Box No	1	2	3	4	5	6	7	8	9	10
	−4	0	−1	2	−2	4	−3	6	−4	8
			0				−8	−4		−2

i) At the end of the flowchart which of the following boxes will have the lowest value?

    a. Box 8   b. Box 7   c. Box 2   d. Box 10

ii) How many boxes have positive integral values at the end of flowchart?

    a. 2   b. 4   c. 6   d. 0

iii) Find the value of {(number in Box 10) + (number in Box 6)} at the end of the flowchart.

    a. 4   b. −2   c. 2   d. − 4

25

Mark the odd one out from the given options.

A. BDG
B. FHK
C. OQT
D. NPT

26

Job Prospects for University Graduates

Type of University	1990		2000	
	Unemployed	Employed	Unemployed	Employed
Private	155	1475	125	1350
State	125	1610	150	1250

How many more employed were there in 1990 than in 2000 ?

A. 75
B. 360
C. 485
D. 100
E. 135

9

27

Box No	1	2	3	4	5	6	7	8	9	10
	13	20	7	12	10	2	5	1	0	18

START → **A** → **B** (NO / YES) → **C** (NO) → **D** (YES) → **E** → **END**

A. Subtract : (number in Box 4) - (number in Box 1). Put the result in Box 10.

B. Is (number in Box 10) < 0 ?

C. Add : (number in Box 9) + (number in Box 5). Put the result in Box 2.

D. Is (number in Box 2) > (number in Box 7)?

E. Multiply : (number in Box 10) x (number in Box 2). Put the result in Box 3.

27

Box No	1	2	3	4	5	6	7	8	9	10
	13	20	7	12	10	2	5	1	0	18
			10	−10						−1

START → **A** → **B** (NO / YES) → **C** (NO) → **D** (YES) → **E** → **END**

A. Subtract : (number in Box 4) - (number in Box 1). Put the result in Box 10.

B. Is (number in Box 10) < 0 ?

C. Add : (number in Box 9) + (number in Box 5). Put the result in Box 2.

D. Is (number in Box 2) > (number in Box 7)?

E. Multiply : (number in Box 10) x (number in Box 2). Put the result in Box 3.

a) Box 3   b) Box10
c) Box 2   d) Box 7

At the end of the flow chart the number placed in which of the following boxes will remain unchanged?

28

Box No	1	2	3	4	5	6	7	8	9	10
	13	20	7	12	10	2	5	1	0	18
			10	−10						−1

START → **A** → **B** (NO / YES) → **C** (NO) → **D** (YES) → **E** → **END**

A. Subtract : (number in Box 4) - (number in Box 1). Put the result in Box 10.

B. Is (number in Box 10) < 0 ?

C. Add : (number in Box 9) + (number in Box 5). Put the result in Box 2.

D. Is (number in Box 2) > (number in Box 7)?

E. Multiply : (number in Box 10) x (number in Box 2). Put the result in Box 3.

a) true   b) cnd
c) Zero   d) false

Is the following statement True or False?
If the condition in Step C updates the value in Box 3 instead
of Box 2, then the flow chart will enter into infinite loop

29

The lifeline of Mumbai is it train network. One of the most crowded places in the city. A Group of commuters of the Mumbai suburban railways called for a strike in response to the increase in the number of accidents in that route in the past one year due to overcrowding. The commuters want to continue the strike unless the authorities agree to increase the frequency of the trains in that route.
Which of the following can be inferred from the above statement?

1) Increase in the frequency of the trains would lead to decrease in the number of such accidents.
2) The trains in the Mumbai suburban run overcrowded.
3) The railway authorities are in different to the safety of commuters.
4) The railway did not increase the frequency in proportion to the increase in the number of commuters in the past one year.
5) None of these

30

Royal Air Services Passengers (in thousands)

Approximately what proportion of Royal Air Services passengers flew Royal Baby Airlines in 2010?

$$\frac{985 \times 100}{1542 + 985}$$

A. 25%   B. 30%
C. 35%   D. 40%   E. Cannot Say

31

Find the missing term in the series given below:
12, 20, 33, 51, ?, 102

A. 69
B. 82
C. 74
D. 78

32

Find the missing term in the series given below:
112, 111, 107, 98, ?, 57

A. 83
B. 79
C. 82
D. 87

33

Find the missing term in the series given below:
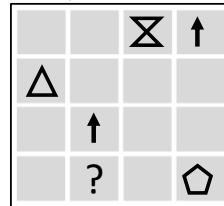CEG, PSU, KMO, XAC, SUW, ?

A. FIK
B. EHJ
C. FHJ
D. JKL

34

If in a certain code language:
"PACEMAKING" is coded as "UEFGNFOLPH", then how
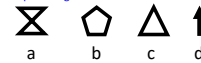would "KABALISTIC" be coded in the same language?

a) PEECMNWWKD
b) PEEDMNWYKD
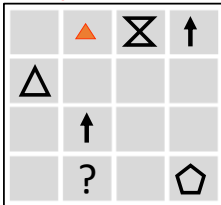c) OEECNMWWKE
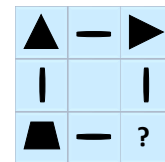d) PEDCNMWWKD
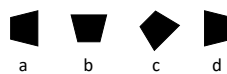
35

Problem Figure:

Response Figure:

a   b   c   d

35

Problem Figure:

Response Figure:

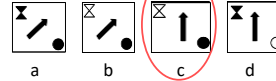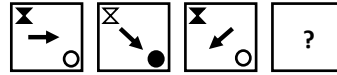a   b   c   d

36

a   b   c   d

37

Mark the option that most logically completes the following sequence.

a b c d

37
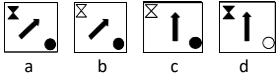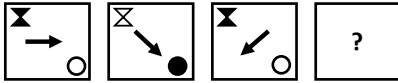
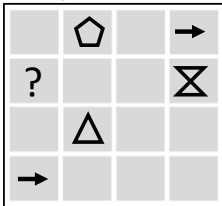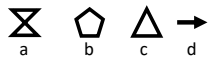Mark the option that most logically completes the following sequence.

Top & Bottom components alternate colored
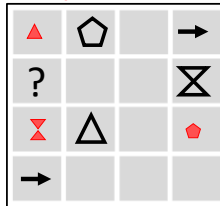Arrow Anti clockwise 45, 90, 135 degree

a b c d

38

Problem Figure:

Response Figure:

a b c d

38

Problem Figure:

Response Figure:

a b c d

39

If in a certain code language:
button is called shirt,
shirt is called shampoo,
shampoo is called brush,
brush is called toothpaste,
and toothpaste is called mat,
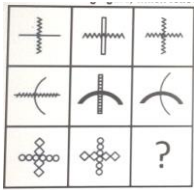then which among the following is used to wash hair?

A. Mat
B. Brush
C. Toothpaste
D. Shampoo

40

If in a certain code language:
button is called shirt,
shirt is called shoe,
shoe is called sock,
sock is called washing soap,
and washing soap is called mat,
then which among the following is used to wash a dirty shirt?

A. Cloth
B. Washing Soap
C. Socks
D. Mat

41

A
B
C
D
E

42

In a row of 30 children, A is 11th from the right end of row. If there are 4 children between A and B, What is the position of B from the left end of the row?
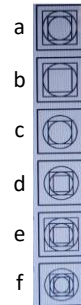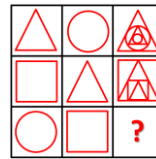
A. 5   B. 8   C. 4
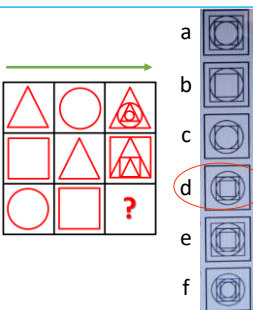D. 6   E. Cannot be determined

43

Prerna is 5th from the left end and Charu is 4th from the right of the row. Charu interchanges her position with the one who is sitting 3rd to the right of Prerna and now Charu is 10th from the right end. How many children are there in the row?

A. 18   B. 20   C. 15
D. 17   E. 16
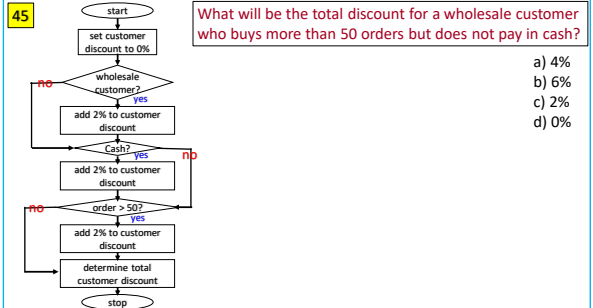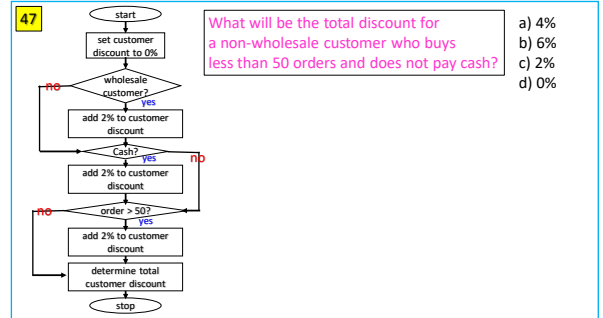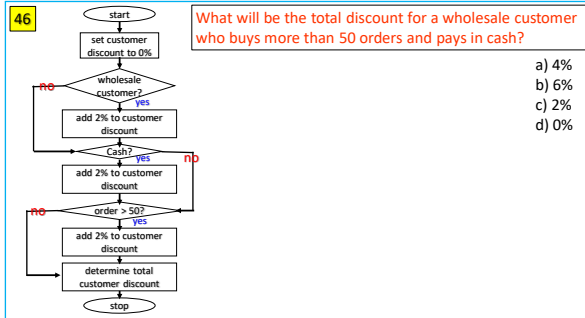
44

a
b
c
d
e
f

44

a
b
c
d
e
f

2nd in 1st and 2nd in 1st

45

What will be the total discount for a wholesale customer who buys more than 50 orders but does not pay in cash?

a) 4%
b) 6%
c) 2%
d) 0%

13

46

What will be the total discount for a wholesale customer who buys more than 50 orders and pays in cash?

a) 4%
b) 6%
c) 2%
d) 0%

47

What will be the total discount for a non-wholesale customer who buys less than 50 orders and does not pay cash?

a) 4%
b) 6%
c) 2%
d) 0%

48

If in a certain code language, "MORSE" is coded as "KMPQC", then how would "CRYPTIC" be coded in the same code language?

a) APEQEEA
b) APWQODA
c) APWQRAQ
d) APWNRGA

49

In a certain code, HUNGER is coded as TAOVJL, how would CATCHING be coded in the same language?

a) JBILLUPO
b) JBILLTOO
c) JBILLUOO
d) JBILLTOT

50

The statements given below are followed by some conclusions. Assume the statements are true, even if they contradict commonly known facts, and determine the conclusion/s that follow/s from the statements logically.

Statements:
    I. All players are short.
    II. Mayer is short.

Conclusions:
    I. All players are Mayer.
    II. Mayer may be a player.

a) Both conclusion I and II follow
b) Only conclusion I follows
c) Only conclusion II follows
d) Neither conclusion I nor II follows

51

Pointing to person in a photograph, Jason said that, she was his mother-in-law's only daughter. How is Jason related to that person?

a) Sister-in-law
b) Cousin
c) Sister
d) Mother-in-law
e) None

Find the missing term in the series given below. **52**

10, 11, 17, 43, ?, ..., 1025, 7111

a) 179
b) 287
c) 293
d) 149

Find the missing term in the series given below. **52**

10, 11, 17, 43, ?, ..., 1025, 7111

a) 179
b) 287   11=10+1   17=11+1*4+2=11+6=17   43=17+6*4+2=43   x=43+26*4+2=43+106=149
c) 293
d) 149

Count the number of times "**1**" occurs in the following string. **53**

MN1WMWMW1MIIII11WM1MNWMLIWILW1WMM

a) 5
b) 7
c) 4
d) 6

Directions: **54**
The question that follows contains a set of figures showing a sequence of folding of a piece of paper. The dotted lines in last figure shows the manner in which the folded paper was out. The figures are followed by four answer figures marked (1), (2), (3) and (4) from which you have to choose a figure which would closely resemble the pattern in which the cuttings appear when the paper is unfolded.

1   2   3   4
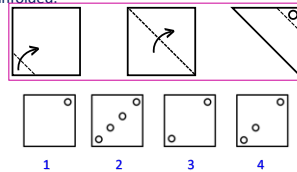
Which among the following sentences **best develops** or **supports** the below given?

Argument: Vocational education should be introduced from school level. **55**

a) It is impossible to get a job without vocational training.
b) If vocational education is not introduced at school level,
   it can hamper the growing children.
c) The youth coming out of schools can start their career right away.
d) Vocational training is needed to take one's decisions oneself.

Six persons – Jacob, William, Liam, Alexander, Ethan
and Andrew have may not to necessarily in the same order. **56**

I. Andrew either delivers his presentation at the start or at the end.
II. Jacob delivers his presentation immediately after Ethan.
III. There are exactly three presentations between William and Liam.
IV. Alexander is the second person to deliver his presentation.

William/Liam
Alex
Ethan
Jac
Liam/William
Andrew

56

I) How many different possible combinations of scheduling are possible?

a) 1   b) 3   c) 4   d) 2

II) Who delivers his presentation immediately after William?

a) Alexander   b) Either Alexander or Andrew
c) Andrew   d) Jacob

William/Liam
Alex
Ethan
Jac
Liam/William
Andrew

57

Find the missing term in the series given below.
10, 25, 50, 85, 130, 185, ?, 325

a) 230
b) 290
c) 250
d) 270

58

Study the table given below and accordingly answer the questions that follow.

NUMBER OF STUDENTS WHO WENT ABROAD FOR FURTHER STUDY FROM DIFFERENT SCHOOLS

SCHOOL	2008	2009	2010	2011	2012
M	732	840	900	920	925
K	1035	940	1200	1400	1500
N	750	600	830	575	900
W	500	550	450	600	525
D	1500	1625	1700	1475	1800
A	800	840	875	925	785
TOTAL	5317	5395	5955	5895	6434

From which school did the least number of students go abroad over the years?

a) W   b) N
c) K   d) M

59

Study the table given below and accordingly answer the questions that follow.

NUMBER OF STUDENTS WHO WENT ABROAD FOR FURTHER STUDY FROM DIFFERENT SCHOOLS

SCHOOL	2008	2009	2010	2011	2012
M	732	840	900	920	925
K	1035	940	1200	1400	1500
N	750	600	830	575	900
W	500	550	450	600	525
D	1500	1625	1700	1475	1800
A	800	840	875	925	785
TOTAL	5317	5395	5955	5895	6434

What was the percentage increase in the number of students going abroad from school "W" from 2010 to 2011?
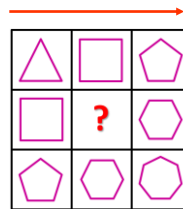
a) 50%   b) 25%
c) 66 ⅔ %   d) 33 ⅓ %

60

a △
b □
c ⬠
d □
e ⬡
f ⬡

60
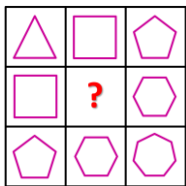
a △
b □
c ⬠
d □
e ⬡
f ⬡

Increasing the number of sides

61

BPM: GNG:: ? : AKD

- A) GHJ
- B) VMJ
- C) TYH
- D) VYJ

62

In a certain language the word
MATERIAL is written as BWXPIDFU
and HUNDREDS is written as AQRKPGBU.
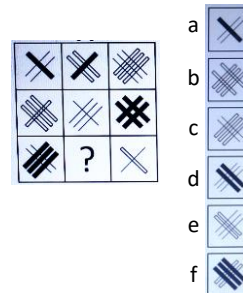How will the word OBLIVION
be written in that language?

- A) FOYRKRFZ
- B) OFYRKRFY
- C) FOYKRRFY
- D) FOYRKRFY

63

If 1 2 3 means "tap your feet",
3 4 5 means "raise your hands"
And 5 6 means "hands down".
What does code 4 signify?

- A) tap   B) your
- C) feet   D) raise

64

65

There are six houses in a colony, such that 3 houses are in one row and the other 3 houses are in the opposite row. The three houses in a row are equidistant from each other. Each house is exactly opposite the house in the other row. Each house is painted with a different color from red, blue, green, yellow, pink and orange.

1. Houses at the corner are not painted with blue and red color
2. House painted with orange color is not opposite the house painted with green color
3. Yellow and pink colored houses are not in the same row

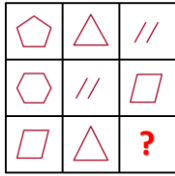Which house is diagonally opposite the orange colored house?

- A) Green
- B) Yellow
- C) Pink
- D) Blue

66

66

a

b

c

d

e
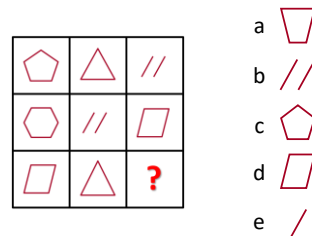
No. of sides
f1= f2+ f3
5 = 3 + 2
6 = 2 + 4
4 = 3 + 1

67

LLMLLLKLMPUU, LLMLLLKLMPUU,
LLMLLLKLMPUU

A) ALL THREE items given in the question are exactly ALIKE.
B) Only the FIRST and SECOND items are exactly ALIKE.
C) Only the FIRST and THIRD items are exactly ALIKE.
D) Only the SECOND and THIRD items are exactly ALIKE.
E) ALL THREE items are DIFFERENT.
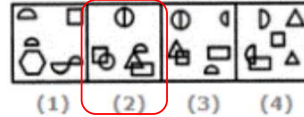
68

Select the alternative for:

(1)　　(2)　　(3)　　(4)

68

Select the alternative for:

Same geometrical shapes present

(1)　　(2)　　(3)　　(4)

69

P is the son of Q. Q and A are sisters.
N is the mother of A and M is the son of N.
Choose one statement which is true.

a) M is the maternal uncle of Q
b) Q and A are cousins
c) N is the grandfather of P
d) M is the maternal uncle of P

70

5, 12, 31, 68, ?

A) 132.0　　B) 126.0
C) 129.0　　D) none

18

71

a b c d e

71

Central dot remains same.
Un common line components
from 1 & 2 taken in to 3.
One curve anti-clockwise, another curve
clockwise turned through 45 degree

a b c d e

72

0452-9858762, 0452-9858762, 0452-9858762

A) ALL THREE items given in the question are exactly ALIKE.
B) Only the FIRST and SECOND items are exactly ALIKE.
C) Only the FIRST and THIRD items are exactly ALIKE.
D) Only the SECOND and THIRD items are exactly ALIKE.
E) ALL THREE items are DIFFERENT.

73

If in some other world,
* stands for –
/ stands for +
+ stands for /
-stands for *

Then, what is the value of $16/8*6+90-12$?

A) 23.2   B) 16.8   C) 16.3   D) 19.3

74

All the trees in the park are flowering trees.
Some of the trees in the park are Honey Flower Trees.
All Honey Flower Trees in the park are flowering trees.
If the first two statements are true the third statement is?

A) Uncertain   B) FALSE   C) TRUE   D)None

75

Statements:
All mangoes are golden in color.
No golden-colored things are cheap.

Conclusions:
I. All mangoes are cheap.
II. Golden-colored mangoes are not cheap.

A) Only Conclusion I follows.
B) Only Conclusion II follows.
C) Either I or II follows
D) Neither I nor II follows
E) Both I and II follow

76

Find out next in the series:

S38, T35, U32, V29, ?

A) W26
B) W29
C) Y29
D) Z13

77

4665.8009291, 4665.8099291, 4665.8009291

A) ALL THREE items given in the question are exactly ALIKE.
B) Only the FIRST and SECOND items are exactly ALIKE.
C) Only the FIRST and THIRD items are exactly ALIKE.
D) Only the SECOND and THIRD items are exactly ALIKE.
E) ALL THREE items are DIFFERENT.

78

Find the odd man out among these :

7, 13, 19, 25, 29, 37, 43

A) 19   B) 7
C) 29   D) 37

79

At 6'o a clock ticks 6 times. The time between first and last ticks is 30 seconds. How long does it tick at 12'o clock?

A) 66   B) 60
C) 55   D) 65

80

NIINIININN, NIININNINN, NIINIININN

A) ALL THREE items given in the question are exactly ALIKE.
B) Only the FIRST and SECOND items are exactly ALIKE.
C) Only the FIRST and THIRD items are exactly ALIKE.
D) Only the SECOND and THIRD items are exactly ALIKE.
E) ALL THREE items are DIFFERENT.


81

QTSM, NTUR, SVUO, ?

A) QRTS
B) PVWT
C) RPFT
D) DRTF

82

Four distinct natural numbers A, B, C and D added up to give a number x, which is less than 100.
What is the value of x?

Statement 1: Exactly two of the four numbers are square of prime numbers and the remaining two are cube of prime numbers.
Statement 2: Exactly two of the four numbers have the same unit digit
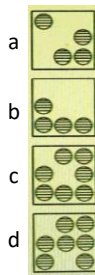
A. Statement 1 alone is sufficient.
B. Statement 2 alone is sufficient.
C. Both together sufficient.
D. Each statement alone sufficient.
E. Even both statements put together are not sufficient

83

a
b
c
d

83

a
b
c
d

2 – 3 – 4

L shape

84
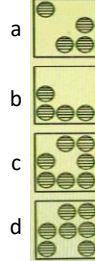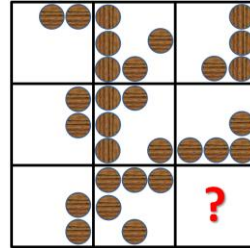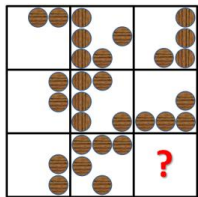
Complete the missing part of the series:
B2CD, _____, BCD4, B5CD, BC6D
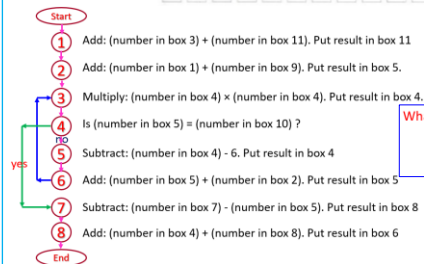
A) B2C2D   B) BC3D
C) B2C3D   D) NONE

85

1. City P has a higher ratio of males to females than city Q.
2. City S has a lower ratio of males to females than city R.
3. The ratio of males to females is the same in city Q and city T.
4. City R has a lower ratio of females to males than city P.
5. City R has a highest ratio of males to females among the five cities.

If the first four statements are true, then the last statement is…

A) True
B) False
C) Uncertain

86

Box No.	1	2	3	4	5	6	7	8	9	10	11	12
	1	2	0	3	7	5	24	7	11	6	1	5

Start

1 Add: (number in box 3) + (number in box 11). Put result in box 11.
2 Add: (number in box 1) + (number in box 9). Put result in box 5.
3 Multiply: (number in box 4) × (number in box 4). Put result in box 4.
4 Is (number in box 5) = (number in box 10) ?
5 Subtract: (number in box 4) - 6. Put result in box 4
6 Add: (number in box 5) + (number in box 2). Put result in box 5
7 Subtract: (number in box 7) - (number in box 5). Put result in box 8
8 Add: (number in box 4) + (number in box 8). Put result in box 6

no
yes

End

What number is now in box 6?

a) 26   b) 24
c) 25   d) 27

87

If PLYCIT means rose water,
BLOCIT means rose petal,
BLOCOT means sunflower petal.
Which word could mean sunflower oil?

a) BLOCIT
b) PLYCOT
c) COTBLO
d) PRINCOT

88

During a games slow held in a school, 40 students play game 1, 67 plays game 2, 46 played game 3, 8 students played game 1 & 3 games. 26 students played game 1 & 2. 28 students played game 2 & 3. 2 students played all the three games.

88

During a games slow held in a school, 40 students play game 1, 67 plays game 2, 46 played game 3, 8 students played game 1 & 3 games. 26 students played game 1 & 2. 28 students played game 2 & 3. 2 students played all the three games.

1) how many students played game 1 but not game 2 &3 ?
   a. 3   b. 8   c. 15   d. 23

2) how many students played game 3 but not game 1 &2 ?
   a. 12   b. 16   c. 32   d. 8

3) how many students played game 2 but not game 1 &3 ?
   a. 2   b. 7   c. 15   d. 37

8   24   15
6   2   26
12

89
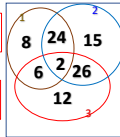
A rectangle is divided into
four rectangles with area
70, 36, 20 and X.
The value of X is …

a) 350/9
b) 350/7
c) 350/11
d) 350/13

90

A3P means A is the mother of P.
A4P means A is the brother of P.
A9P means A is the husband of P.
A5P means A is the daughter of P.
Which of the following means that
K is the mother-in-law of M?

a) M9N3KJ
b) M9N5K3J
c) K5J9M3N
d) K3J9NM

91

In the question the symbols @, #, %, $ and H are used with the following meaning :
P$Q' means 'P is smaller than Q'
'P @ Q' means P is neither greater than nor equal to Q'
'P H Q' means 'P is neither smaller than nor equal to Q'
'P % Q' means 'P is not greater than Q'
'P # Q' means 'P is neither greater than nor smaller than Q'
Now assume the given statements to be true and find which out of the two conclusions I and II is/are definitely true.

Statements:
J % N,   K @ N,   T $ K
Conclusions:
I. T H J
II. J @ K

Option 1 : Only conclusion I is true
Option 2 : Only conclusion II is true
Option 3 : Either conclusion I or II is true
Option 4 : Neither conclusion I nor II is true

92

Krishna Chand is a very laborious farmer, he erected a fence around his paddy field in a square shape. He used 26 poles in each side, each at a distance of 4m. What is the area of field?

a. 1.6 hectare
b. 1.08 hectare
c. 5.76 hectare
d. 1 hectare

93

Statements:
No vest is shirt. All shirts are jackets.

Conclusions:
I. All vests are jackets.
II. No vest is a jacket.
III. Some jackets are shirts.
IV. All jackets are shirts

A. Only I follows
B. Only II follows
C. Only III follows
D. Only III and IV follow
E. Only II and III follow

94

In the following string, all the '9' are replaced by '2'. Mark the option which contains the resultant string (after the replacement)
9119292287374839272

a. 2112222287374832272
b. 2112222287374882272
c. 2112212287374832272
d. 2112232287374832272

95

"My father's wife is the sister of the captain of the hockey team", said Mani. How is Mani's mother related to captain?

A. uncle
B. sister
C. cousin
D. Uncle
E. cnd

96

ICGP, LDJQ, OEMR, ?

a) RKFS
b) RFPS
c) SPRF
d) EFST

97

If BLAME is written as NOVYZ,
How TRUNK can be written in that code?

a) FGIPM
b) GPIMF
c) FGMIP
d) GIFMP

97

If **BLAME** is written as **NOVYZ,**
How **TRUNK** can be written in that code?

a) FGIPM
b) GPIMF
c) FGMIP
d) GIFMP

Decode forwarding number, code back warding number but take increasing number from decode

---

98

What would $ mean if,
FAT is coded as $%*.
MAT is coded as %$#
and TIE is coded as %>!?

a) E
b) I
c) T
d) A

99

In which year was Sugan born?

I. Sugan's present age is 20 years
   more than his child
II. Sugans have two children. The first
    child was born in 1993?

A. Only I
B. Only II
C. Both I and II
D. Either I or II
E. Neither I or II

100

Introducing a woman, Shashank said, "She is
the mother of the only daughter of my son.
" How that woman is related to Shashank?

A. Daughter
B. Sister-in-law
C. Wife
D. Daughter-in-law

101

A, B, C, D and E are sitting on a bench.
A is sitting next to B, D is sitting next to C,
D is not sitting with E who is on the left
end of the bench. C is on the second
position from the right. A is to the right
of B and E. A and C are sitting together.
In which position A is sitting ?

A. Between B and D
B. Between B and C
C. Between E and D
D. Between C and E

E B A C D

102

How many students did secure First class in a class of 50
students?

I. Double the number of first-class students secured
   second class and all the remaining students failed
II. Number of students failed was twice the number
    of first class students in the class

A. Only I
B. Only II
C. Both I and II
D. Either I or II
E. Neither I or II

103

A bird shooter was asked how many birds he had in the bag. He replied that there were all sparrows but six, all pigeons but six, and all ducks but six. How many birds he had in the bag in all?

A. 0
B. 6
C. 9
D. 18

104

What will be the total weight of 10 poles, each of the same weight ?

1. One-fourth of the weight of each pole is 5 kg.
2. The total weight of three poles is 20 kilograms more than the total weight of two poles.

A. I alone is sufficient while II alone is not sufficient
B. II alone is sufficient while I alone is not sufficient
C. Either I or II is sufficient
D. Neither I nor II is sufficient
E. Both I and II are sufficient

105

A + B means A is the mother of B.
A - B means A is the sister of B.
A * B means A is the father of B.
A β B means A is the brother of B.

Which of the following means that N is the maternal uncle of M?

a. N β P - L + E - M
b. N - Y + A β M
c. M - Y * P - N
d. N β C + F * M

106

A boy rode his bicycle Northward, then turned left and rode 1 km and again turned left and rode 2 km. He found himself 1 km west of his starting point. How far did he ride northward initially?

A. 1 km
B. 2 km
C. 3 km
D. 5 km

107

A man is facing west. He turns 45degree in the clockwise direction and then another 180 degree in the same direction and then 270 degree in the anticlockwise direction. Which direction is he facing now?

A) South
B) North-West
C) West
D) South-West

108

What is the value of P?

I. P and Q are integers
II. PQ = 10, P + Q =5

A. I alone is sufficient while II alone is not sufficient
B. II alone is sufficient while I alone is not sufficient
C. Either I or II is sufficient
D. Both I and II are not sufficient
E. Both I and II are sufficient

109

If * stands for /, / stands for -,
+ stands for * and - stands for
+, then 9/8*7+5 -10=?

A) 13.3
B) 10.8
C) 10.7
D) 11.4

110

A man said to a lady, "Your mother's husband's sister is my aunt". How is the lady related to the man?

A) Daughter
B) Grand daughter
C) Mother
D) Sister

111

After 4 p.m. on a sunny day when Ramesh was returning from his school, he saw his uncle coming in the opposite direction. His uncle talked to him for some time. Ramesh saw that the shadow of his uncle was to his right side. Which direction was his uncle facing during their talk?

a) North   b) South
c) East   d) Data inadequate
e) None

112

How many sons does P have?

I. T and S are brothers of R.
II. The mother of S is the wife of R's father.

a. Statement I alone is sufficient.
b. Statement II alone is sufficient.
c. Statement I alone or in statement II alone is sufficient.
d. Statements I and II together are not sufficient.
e. Statements I and II together are necessary.

113

DEF, DEF2, DE2F2, _____, D2E2F3

a. DEF3
b. D3EF3
c. D2E3F
d. D2E2F2

Solution:
In this series, the letters remain the same: DEF.
The subscript numbers follow this series: 1,1,1; 1,1,2; 1,2,2; 2,2,2; 2,2,3.

114

In a four-day period, Monday through Thursday, each of the following temporary office workers worked only one day, each a different day. Ms. Johnson was scheduled to work on Monday, but she traded with Mr. Carter, who was originally scheduled to work on Wednesday. Ms. Falk traded with Mr. Kirk, who was originally scheduled to work on Thursday. After all the switching was done, who worked on Tuesday?

a. Mr. Carter   b. Ms. Falk
c. Ms. Johnson   d. Mr. Kirk

115

Statements:
1: All drink mixes are beverages.
2: All beverages are drinkable.
3: Some beverages are red.

Conclusions:
I. Some drink mixes are red.
II. All beverages are drink mixes.
III. All red drink mixes are drinkable.

a. I only
b. II only
c. I and III
d. None

Solution:
If all drink mixes are beverages and some beverages are red, then some drink mixes are red (statement I). Since all beverages are drinkable and all drink mixes are beverages, then all red drink mixes must be drinkable (statement III). Statement II can be ruled out.

116

It was Sunday on Jan 1, 2006.
What was the day of the week Jan 1, 2010?

a. Sunday
b. Saturday
c. Friday
d. Wednesday

117

Five children are sitting in a row. S is sitting next to P but not T. K is sitting next to R who is sitting on the extreme left and T is not sitting next to K. Who are sitting adjacent to S?

a. K & P
b. R & P
c. Only P
d. P and T

118

In a family, there are husband, wife, two sons and two daughters. All the ladies were invited to a dinner. Both sons went out to play. Husband did not return from office. Who was at home?

a. Only wife was at home
b. Nobody was at home
c. Only sons were at home
d. All ladies were at home

119

Statements:
1: All chickens are birds.
2: Some chickens are hens.
3: Female birds lay eggs.

Conclusions:
I. All birds lay eggs.
II. Some Hens are birds.
III. Some chickens are not hens.

a. I only
b. II only
c. II and III only
d. None

120

From his house, Lokesh went 15 km to the North. Then he turned west and covered 10 km. Then he turned south and covered 5 km. Finally turning to the east, he covered 10 km. In which direction is he from his house?

a. West
b. North
c. South
d. East
e. none

121

If A is the brother of B;
B is the sister of C; and
C is the father of D,
how D is related to A?

a. Brother
b. Sister
c. Nephew
d. Cannot be determined

122

5D7, 7G10, 10K14, 14P19, ?

A) 20U24
B) 19V25
C) 20U26
D) 19V24

123

Find the odd one out.
7, 13, 19, 25, 29, 37, 43

A) 37
B) 29
C) 23
D) 13

124

Find the odd one out.
7, 13, 19, 25, 29, 37, 43

A) 25
B) 19
C) 23
D) 7

125

Using the following code and key
decode the given coded word :
Code : L X P Z J Y Q M N B
key : b a e s p r h i g t
Coded word : Z B Y X M N Q B

126

Six friends P, Q, R, S, T and U are members of a club and
play a different game of: Football, Cricket, Tennis,
Basketball, Badminton and Volleyball.

T who is taller than P and S plays Tennis.
The tallest among them plays Basketball.
The shortest among them plays Volleyball.
Q and S neither play Volleyball nor Basketball.
R plays Volleyball.
T is between who plays Football and P in order of height.

P	Cricket or Badminton
Q	Football
R	Volleyball
S	Cricket or Badminton
T	Tennis
U	Basketball

U>Q>T>P>S>R

126

1) Who amongst the following is taller than R but shorter than P?
   a)Q   b)T   c)U   d)Data inadequate   e)None of these

2) Who amongst the following plays Basketball?
   a)Q   b)R   c)S   d)U   e)None of these

P	Cricket or Badminton
Q	Football
R	Volleyball
S	Cricket or Badminton
T	Tennis
U	Basketball

U>Q>T>P>S>R

3) Which of the following statements is not true?
   a)P is shorter than R b)Q is taller than S
   c)S is taller than R   d)T is taller than R
   e)U is taller than Q

4) Who will be at the third place it they are arranged in the
   descending order to their height?
   a)Q   b)P   c)S   d)T   e)None of these

127

Eleven students: A, B, C, D, E, F, G, H, l, J and Kare
sitting in the first row of the class facing the teacher.

D who is to the immediate left of F is second to the
right of C. A is second to the right of E, who is at one of
the ends. J is the immediate neighbor of both A and B
and third to the left of G. H is to the immediate left of D
and third to the right of I.

127

Eleven students: A, B, C, D, E, F, G, H, l, J and Kare
sitting in the first row of the class facing the teacher.

D who is to the immediate left of F is second to the
right of C. A is second to the right of E, who is at one of
the ends. J is the immediate neighbor of both A and B
and third to the left of G. H is to the immediate left of D
and third to the right of I.

E, K, A, J, B, I, G, C, H, D, F

127

1) Who is sitting in the middle of the row?
   a)B   b)C   c)G   d)I e)None of these

E, K, A, J, B, I, G, C, H, D, F

2) Which of the following statements is true in the context to the seating
   arrangements?
   a)There are three students sitting D and G   b)K is between A and J
   c)a is sitting between J and I
   d)G and C are neighbors sitting to the immediate right of H

3) If E and D, C and B, A and H and K and F interchange their positions, which to
   the following pairs to students will be seated at the ends?
   a) D and E   b)E and F   c)D and K   d)K and F

4) Which of the following group ot friends are sitting to the right to G?
   a) CHDE   b) CHDF   c) IBJA   d) ICHDF

128

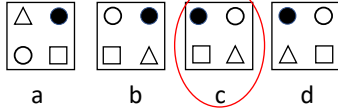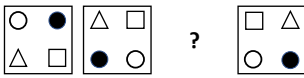Look carefully at the sequence of symbols to find the pattern. Select correct
pattern.

EmE | mmm | EwE | w ? w

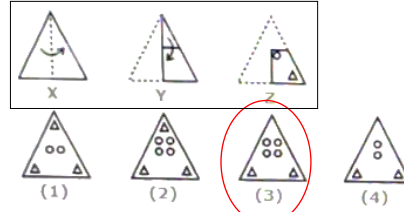ɯ (1)   E (2)   Ɯ (3)   Ǝ (4)

129
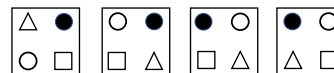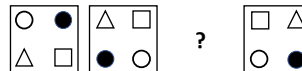
129

130

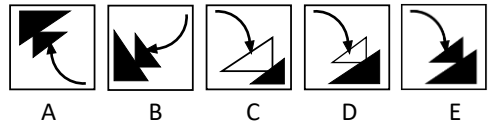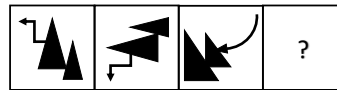Choose a figure which would most closely resemble the unfolded form of figure Z?

131

Group the given figures into three classes using each figure only once

a) 7, 8, 9; 2, 4, 3; 1, 5, 6
b) 1, 3, 2; 4, 5, 7; 6, 8, 9
c) 1, 6, 8; 3, 4, 7; 2, 5, 9
d) 1, 6, 9; 3, 4, 7; 2, 5, 8

132

Choose the correct figure that can replace the question mark?

133

What will come at the place of question mark?
5690, 5121, 4552, 3983, 3414, 2845, ?

a) 2276
b) 2516
c) 2356
d) 2458

134

CUP : LIP :: BIRD : ?

a) BUSH
b) GRASS
c) FOREST
d) BEAK

135

In a certain code language,
134 means good and tasty,
478 means see good pictures, and
729 means pictures are faint.
Which of the following digits stands for see?

a) 4
b) 7
c) 9
d) 8

136

Find the odd numbers/letters from the given alternatives.

a) PQXZ
b) CQBN
c) ABDF
d) PRMN

137

What will come at the place of question mark?
8, 28, 116, 584, ?

a) 1752
b) 3504
c) 3508
d) 3502

138

Look at the series:
53, 53, 40, 40, 27, 27, …
What number should come next?

a) 12
b) 14
c) 27
d) 53

139

If BOYES is written as DQAGU, then HELLO is written as:

a) JGNNQ
b) LGHNO
c) TYUIO
d) EHFDE

140

In the following number series a wrong number is given. Find out the wrong number:
150, 450, 750, 1060, 1350, 1650, 1950

a) 1060
b) 450
c) 750
d) 1350

141

Four groups of letters are given, three of them are alike in a certain way while one is difficult. Choose the one which is different.

a) XT
b) RL
c) JF
d) PL

142

If GERMANY is written as 7, 5, 18, 13, 1, 14, 25 then how SYCOPHANT is written?

a) 17, 25, 3, 16, 8, 1, 14, 20, 75
b) 19, 25, 3, 15, 16, 8, 1, 14, 20
c) 18, 25, 3, 16, 8, 1, 14, 20, 12
d) 16, 25, 3, 16, 8, 1, 14, 20, 07

143

Choose the alternative which is closely resembles the mirror image of the given combination.

TARAIN1014A

(1) A♭1○1♭NIARA⊥
(2) A1○1♭NIARAT
(3) A1○1♭TARAIN
(4) A♭1○1♭NIARAT

a) 1
b) 3
c) 2
d) 4

144

How is 'No' coded in the code language?

Statements:

I. 'Ne Pa Sic Lo' means 'But No None And' and 'Pa Lo Le Ne' means 'If None And But'

II. 'Le Se Ne Sic' means 'If No None Will' and 'Le Pi Se Be' means 'Not None If All'.

a) I alone is sufficient while II alone is not sufficient
b) II alone is sufficient while I alone is not sufficient
c) Either I or II is sufficient
d) Neither I nor II is sufficient

145

Group the given figures into three classes using each figure only once.
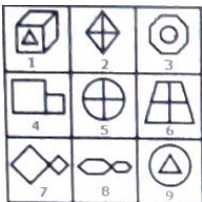
a)1,3,9; 2,5,6; 4,7,8
b)1,3,9; 2,7,8; 4,5,6
c) 1,2,4; 3,5,7; 6,8,9
d)1,3,6; 2,4,8; 5,7,9

146

Group the given figures into three classes using each figure only once.
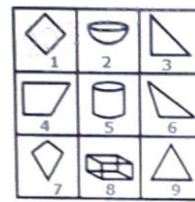
a)1,4,7; 2,5,8; 3,6,9
b)1,4,7; 2,5,9; 3,6,7
c) 1,3,4; 2,5,8; 6,7,9
d)1,2,3; 4,5,6; 7,8,9

147

Choose a figure which would most closely resemble the unfolded form of Figure (Z)
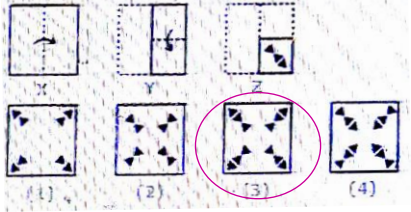
148

Group the given figures into three classes using each figure only once.
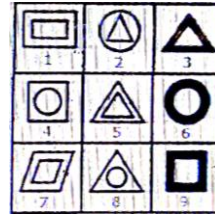
a) 1,5,7; 2,4,6; 3,9,8
b) 1,5,7; 2,4,8; 3,6,9
c) 1,4,7; 2,5,8; 3,6,9
d) 1,7,9; 3,5,8; 2,4,6

Choose the alternative which is closely resembles the mirror image of the given combination.

EFFECTIVE

149

(1) EVITCEFFE   (2) EVITCEFFE
(3) EFFECTIVE   (4) EVITCEFFE

150

Choose the alternative which is closely resembles the mirror image of the given combination.

MALAYALAM

(1) MALAYALAM   (2) MAJAYAJAM
(3) MALAYALAM   (4) MALAYALAM

151

Group the given figures into three classes using each figure only once.
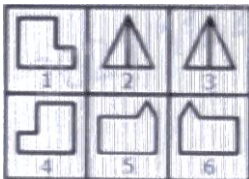
a) 1, 4; 2, 3; 5, 6
b) 1, 5; 2, 6; 4, 3
c) 1, 6; 2, 3; 4, 5
d) 1, 2; 3, 6; 4, 5

152

Choose a figure which would most closely resemble the unfolded form of Figure (Z)

33
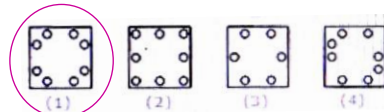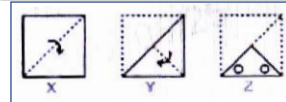
153

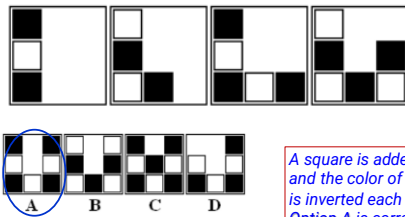In the following question, choose the correct mirror image from the options (a), (b), (c) and (d).
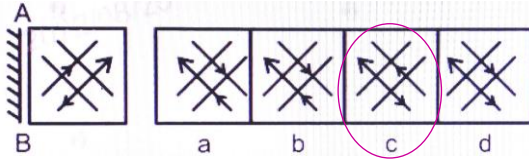
154

Choose the alternative which is closely resembles the mirror image of the given combination.
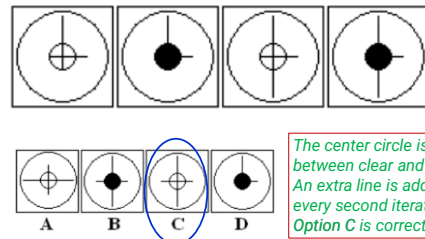
DL9CG4728

(1) DJ8CG4728 (2) 8274GC9LD
(3) DL8CG4728 (4) DJ9CG4728
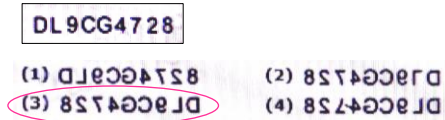
155

Which figure completes the series?

A square is added each time and the color of the squares is inverted each time.
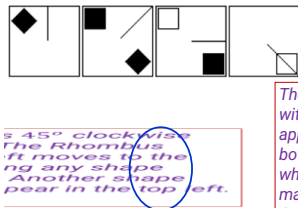**Option A is correct.**

156

Which figure completes the series?

The center circle is alternating between clear and solid.
An extra line is added every second iteration.
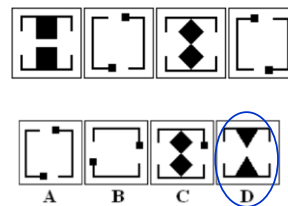**Option C is correct.**

157

Which figure completes the series?

The short line moves 45° clockwise with each iteration. The Rhombus appears in the top left moves to the bottom right, replacing any shape which already there. Another shape may (or may not) appear in the top left.
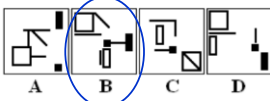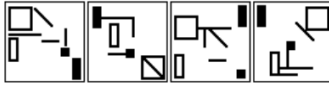**Option C is correct.**

158

Which figure completes the series?

An alternating series in which the next figure requires the top and bottom elements plus two solid black shapes arranged vertically. **Option D is correct.**

34

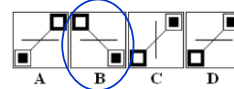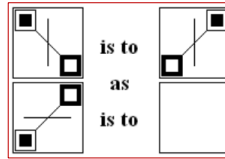**159 — Which figure completes the series?**

The same eight elements are arranged randomly in each figure.
Option B is the only option which has these same eight elements.

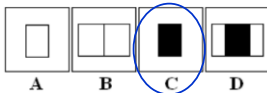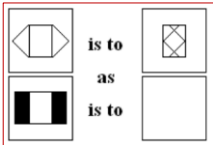**160 — Which figure completes the statement?**

The operation involves a reflection in the vertical plane through the centre of the figure.
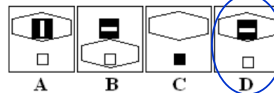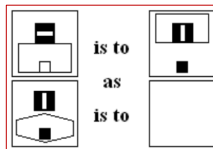*Option B is correct.*

161 — Which figure completes the statement?

There are three shapes in the figure. The two outer shapes are moved into the center to cover the shape already there.
Option C is correct.

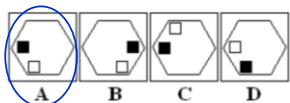**162 — Which figure completes the statement?**

The compound shape at the top rotates through 90^0. The large shape at the bottom moves to the top. The color of the small shape at the bottom is inverted.
Option D is correct.

163 — Which figure completes the statement?
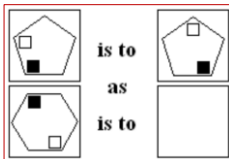
The white square moves one place anticlockwise. The black square moves one place clockwise.
Option A is correct.

164 — Which figure completes the statement?

The square in the top left corner moves to the center. Any horizontal lines are duplicated and rotated through $90º$.
Option C is correct.

35

Which figure is the odd one out? **165**

Option C is the only figure in which opposite collared squares are on opposite sides of the line.
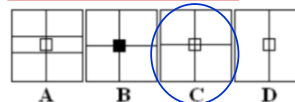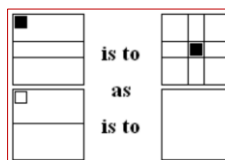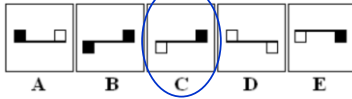
Which figure is the odd one out? **166**
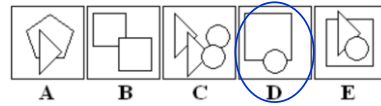
Adding the number of sides of the shapes in each figure gives eight, except for **option D** where it adds up to 5.

Which figure is the odd one out? **167**
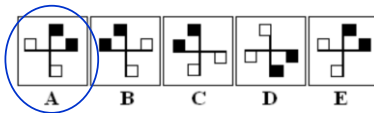
Option A is the odd one out. The others are all either Reflections or rotations of the same figure.

Which figure is the odd one out? **168**
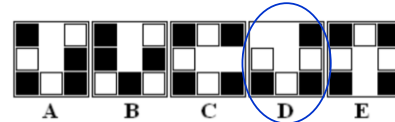
Option D is the odd one out. In the other figures there is one more black square than there are white squares.

Which figure is the odd one out? **169**
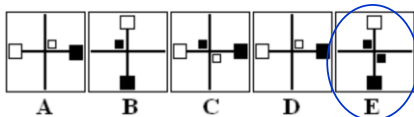
Option E is the odd one out. It is the only figure where there is a small black square adjacent to the large black square.

Which figure completes the series? **170**

Option D completes the series. An extra white square is added for each column and an extra black square is added for each row.

Which figure completes the series? `171`
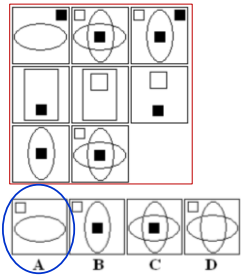
Option A completes the series. Each figure in column three is a product of the figures in the preceding two columns, with the added rule that if the same shape appears in both columns then it does not appear in the third column.

Which figure belongs in neither group? `172`
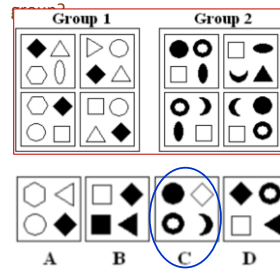
The figures in Group1 contain a black diamond plus 3 white shapes. The figures in Group 2 contain a white square plus 3 black shapes.
Option C belongs in neither group.

Which figure belongs in neither group? `173`
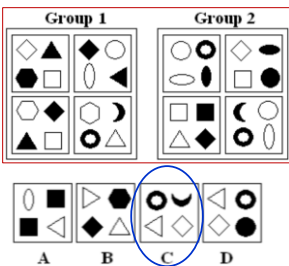
Shapes are either curved or angular. The figures in Group1 black shapes at opposite corners. The figures in Group2 contain black shapes arranged vertically.
Option C belongs in neither group.

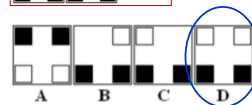### Which figure is next in the series? `174`
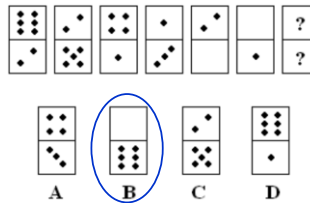
The top halves of the dominoes are in descending sequence 6, 5, 4, 3, 2, 1, Blank. The bottom halves follow the descending sequence 2, 2, 1, 1, Blank, Blank, Six. Alternate dominoes are then inverted. Option B completes this sequence.

Which figure is next in the series? `175`
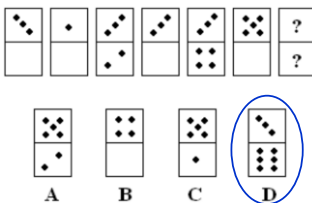
The top halves of the dominoes follow the sequence: 3, Blank, 3, blank, etc. The bottom halves follow the ascending Blank, 1, 2, 3, etc.
Alternate dominoes are then inverted. Option D completes this sequence.

Which figure completes the grid? `176`
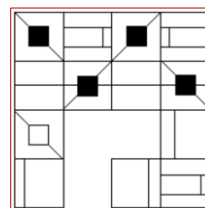
The first and third columns are mirror images of each other, as are the second and fourth columns. Option B completes the grid.

177

Which figure completes the grid?

The four squares which make the top left corner block are identical to the four squares which make the bottom right corner block. The four squares which make the top right corner block are identical to the four squares which make the bottom left corner block. Option C completes the grid.

178

Which figure is the odd one out?

Option C is the only figure which does not contain the sequence of the double-diamond, concentric circles and line and the square plus diagonal line.

179

Which figure is the odd one out?

Option D is the only figure which does not contain only two black shapes.

180

Which Figure Completes the Sequence?

In this series, the black rectangle is alternating from top to bottom and the number of white squares is increasing by one each time.
Answer: A

181

Which Figure Completes the Statement?

Begin by comparing the top figures. Does each one contain the same number of elements? If so, does each contain the same elements? If so, the elements must have been moved in some way. This is usually done by reflection or rotation.
Answer: C

182

Which Figure Is the Odd One Out?

For this question, begin by looking at the elements in each figure.
Are there the same number in each? Are they the same?
If so, then look at the configuration.
Answer: A

Identify the Missing Square

183
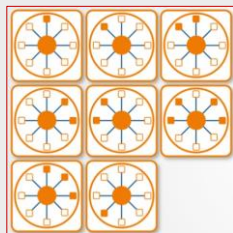
Begin by looking for a relationship between the figures in the top row. If you think you have found one, then check that the same relationship holds for the second row.

Answer: C

A B C D

Which Figure Completes the Grid?

184
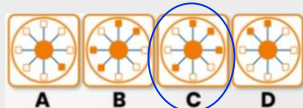
Check to see if each row and column contains one, and only one, of each shape. If not, then divide the grid horizontally and vertically. Are they reflections? If not, are individual rows related in some way? What about individual columns? If not, divide the grid into four groups of four squares to see if there is a relationship between these groups.

Answer: A

A B C
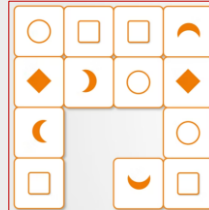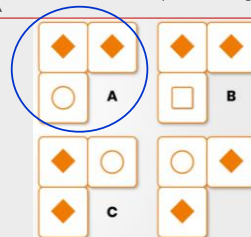
Which figure completes the series?

185

The first figure is rotated through 90° anticlockwise to produce the second figure. The second figure is then reflected in the vertical plane to produce the third figure. This sequence is repeated.
***Option B** is correct as it is a reflection of the fourth figure in the vertical plane.*

Which figure completes the series?

186

A B C D
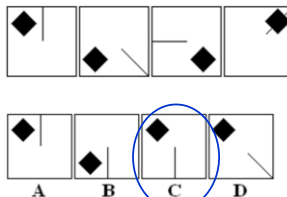
The line moves clockwise 135° with each iteration, whilst the diamond moves anticlockwise from corner to corner.
***Option C** is the next figure*

Which figure completes the series?

187

A B C D

The black rectangle alternates between the top and bottom position and a white square is added with each iteration.
***Option A** is the next figure*

Which figure completes the series?

188

A B C D
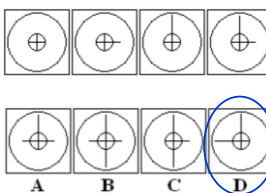
The horizontal line which forms part of the centre cross alternates between short and long.
***Option D** is the only figure where it is short.*

Which figure completes the series? `189`
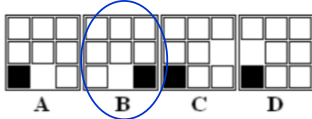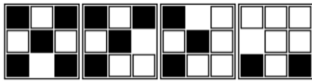
The figure is rotated by 90 degrees anticlockwise and a black square is transformed to white with each iteration. Option B is the next figure in the series. Note that option A will not work because the black square is in the wrong position.

A   B   C   D

Which figure completes the statement? `190`

is to

as

is to
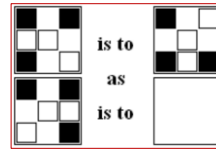
The figure is rotated through 90 degrees anti-clockwise. Option C is correct

A   B   C   D
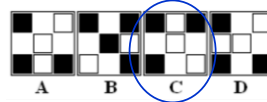
There are five students in a group: Roger, Martin, Peter, Gary and Katherine.
1. Roger received a higher grade than Martin but not as high as Peter.
2. Peter received a higher grade than Gary and Katherine.
3. Gary received a lower grade than Martin.
4. Gary did not receive the lowest grade.
5. Roger received the second highest grade.

If the first four statements are true, then the fifth statement is:

True
False
Uncertain

`191`

Three friends of different age and height stand in a queue for a photograph. The photographer asks the youngest to stand to the right of Anu. The tallest stands in the extreme left. Bhanu does not stand in the center and he is not the youngest. Charu is not in the center too. All are facing the photographer. No person receives the same rank when put in the increasing order of both age and height. Now, who is the shortest?

Anu
Bhanu
Charu
Cannot be determined

`192`

Peter, Queen, Remo, Stuart, Twinkle and Uco are in different branches of Engineering, viz. IT, ME, CM, EE, EC and CS but not necessarily in the same order. Each of them is a resident of a different city viz. Goa, Madurai, Bhopal, Delhi, Ahmedabad and Bangalore. Remo is the resident of Delhi, but he is not in CM or EE. Twinkle, who is in ME, is not the resident of Goa or Ahmedabad. Queen is from Madurai and she is in EE. The student from Bhopal is in CS and Stuart is from Goa. Peter is in EC. Which student is from Bhopal?

A) Uco
B) Peter
C) Twinkle
D) none

`193`

`194`

If QUESTION = DOMESTIC what will be code for RESPONSE?

a. OMESUCEM
b. OMESICSM
c. OMESICEM
d. OMESISCM

40

195

If 1111 = r, 2222 = t, 3333 = e, 4444 = n then 5555 = ?

a) f
b) r
c) s
d) y

196

A man said to a lady,
"Your mother's husband's sister is my aunt".
How is the lady related to the man?

a. Brother
b. Daughter
c. Sister
d. Aunt

In the following questions, the following letters indicate mathematical operations as indicated below:

A: Addition;
V: Equal to;
S: Subtraction;
W: Greater than;
M: Multiplication;
X: Less than;
D: Division.

Find out of the four alternatives given in these questions, only one is correct according to the above letter symbols. Identify the correct one. See the options given below

197

a. 6 S 7 A 2 M 3 W 0 D 7

b. 6 A 7 S 2 M 3 W 0 A 7

c. 6 S 7 M 2 S 3 W 0 M 7

d. 6 M 7 S 2 A 3 X 0 D 7

198

What will be the output of the following code statements?
Integer a = 10, b = 35, c = 5 print (a × b / c) − c

a. 50
b. 65
c. 60
d. none

199

The day before yesterday Rakesh was 17.
Next year he will be 20.
What day is his birthday?

a. 30th December
b. 1st January
c. 31st December
d. 29th February

Day before yesterday: Dec-30- 17yrs
Yesterday -Dec-31 – DOB – 18 yrs
Today – Jan -1 Present year
Dec -31 Present year – 19yrs
Next Year - Dec -31 – will be 20 years

Five persons with names Prashant, Montu, Udit, Tarun and Xavier live separately in any one of the following: Bangalow, Flat, Duplex, House or Hotel. Each one likes two different colors from among the following blue, black, red, yellow and green. Udit likes red and blue. Tarun likes black. The person living in a Bangalow does not like black or blue. Prashant likes blue and yellow. Montu likes yellow. Xavier lives in a hotel. Montu lives in a:

Banglow

Duplex

Flat

Hotel

200

	B-F-D-Hs-Ht	Bl-Blk-R-Y-G
P	B-F-D-Hs-Ht	Bl-Blk-R-Y-G
M	B-F-D-Hs-Ht	Bl-Blk-R-Y-G
U	B-F-D-Hs-Ht	Bl-Blk-R-Y-G
T	B-F-D-Hs-Ht	Bl-Blk-R-Y-G
X	B-F-D-Hs-Ht	Bl-Blk-R-Y-G

Ranbir, Ranveer, Randheer, Ranjeet and Rajbeer maintain ranking for batting and bowling. The ranking was in descending order. Rajbeer, who was ranked first in batting was last in bowling. Randheer had the same ranking in both and was just above Rajbeer in bowling. In batting, Ranbir was just above Ranjeet but in bowling, he was in the middle and he bowled after Ranveer. Who was ranked first as a bowler?

201

Ranveer

Randheer

Rajbeer

None of these

---

1. Solution A is sweeter than solution B and thicker than solution E.
2. Solution B is sweeter than solution E, thinner than solution D and thicker than solution C.
3. Solution C is sweeter than solution D and thicker than solution E.
4. Solution D is sweeter than solution B and thinner than solution A.
5. Solution E is the fourth sweetest solution and the thinnest among the five solutions.

If the first four statements are true, then the fifth statement is:

202

True

False

Uncertain

Which of the options is the most suitable for completing the following series?
3, 6, 18, 108, ?

203

a) 1944
b) 2160
c) 2881
d) 3600

In the series, you will be looking a letter pattern. Which of the given options should fill in the blank?

204

AWK, BVL, DTM, ____, KMO

a) POQ
b) GQN
c) HIL
d) MON

If in a certain code,
ADVENTURE is coded as **CHBNRQLW,**
How is **COUNTRY** coded in that code?

205

a) ESARNNS
b) ESANRNS
c) ESNARNS
d) ESANRSN

If **SWAN** is coded as **5912,**
FAN is coded as **812** and
NIB as **731**. What is A coded as?

206

a) 7
b) 2
c) 1
d) 9

207

Alex checks the schedule of his final exams that include the following five subjects: Maths, French, English, Social Science, and Science.
The exams are held consecutively for the five working days of the week starting from Monday till Friday. The Maths exam is scheduled three days after Social Science which is held on Monday. French and English are not held consecutively. The French exam is held before the English exam.

On which day of the week is the English exam scheduled?

a) Wednesday
b) Tuesday
c) Thursday
d) Friday

208

SHAN, BOTI, UJCP, ____

QVDK

OLYK

VXDQ

DQVK

a)
b)
c)
d)

209

In a row of friends, Tiya occupies fifteenth place from the right end and Tina occupies twelfth place from the left end, respectively. Treepti is ninth on the left of Tiya. If Treepti and Tiya interchange their places, then Treepti occupies twentieth place from the left end. How many friends were there between Treepti and Tina originally?

a) 15
b) 12
c) 0
d) 3

210

If the code for
"the dog ran" is "143"
"the cat was brown" is coded as "5619"
In the same way what can be the probable code for
"the frog jumped"?

a) 347
b) 127
c) 634
d) 123

211

Fit-G is conducting a crash course for trainers on seven topics PS, DI, DS, VA, RC, VR and AR from 22 Oct to 29 Oct. The course should end with DI, 23 Oct being Sunday is a holiday. VR should be on the previous day of AR. DS should be immediately after the holiday. There should be a one day gap between RC and AR. There should be a two-day gap between PS and RC, with PS conducting before RC. Which subject will be on Tuesday?

a) RC
b) VA
c) VR
d) DS

212

24:90::56:?

a)
b)
c)
d)

213

How many words can be formed
Using the letters of the word
"CORRESPONDANCE"
if the consonants are
always written together?

a) 182
b) 184
c) 216×9!
d) None

214

Production of paper (in lakh tonnes) by three companies X-Y and Z
over the years. Study the graph and answer the questions that follow.

a) 2,00,000 tons
b) 20,00,000 tons
c) 20,00 tons
d) 2,00,00,000 tons

**What is the difference between the production
of company Z in 1998 and company Y in 1996?**

215

Pie chart shows the percent of money spent by family on various
item during 1999. Study the graph and answer these questions.

a) Rs.2000
b) Rs.10580
c) Rs.23000
d) Rs.2300

**If the total amount spent during the year 1999
was Rs.46000 the amount spent on food was:**

216

The graph shows the total number of the different types of vehicles (in Lakh) exported
by a company in 1998 and 1999. Study the graph carefully and answer these questions:

a) A and E
b) A and D
c) B and D
d) None of these

**Total exports in 1998 and 1999 together was equal
in case of which of the following pairs of types?**

217

Complete the number series
3, 6, 8, 16, 18,....?

a. 28
b. 36
c. 54
d. 34

218

Study the flow chart
given below and the
questions that follow.
What number is now
in box 11?

11,5
11,2
8,6
11,9

219

Look carefully at the sequence of symbols to find the pattern. Select correct pattern.

△ □ △ | □ ○ □ | ○ ◇ ○ | ◇ □ ?

◇ (1)   □ (2)   ○ (3)   △ (4)

220

A railway track from Lahore to Islamabad consists of six main stations P,Q -R-X-Y and Z. Trains run only according to the following condition:
I. From P to Q
II. From Q to P and from Q to R
III. From R to X
IV. From X to Q and from X to Y
V. From X to Q and From X to Y
VI. From Z to P-from Z to Y and from Z to R.
VII. From Y to X.
VIII. It is possible to transfer a station for another train.

a.4
b.5
c.6
d.2

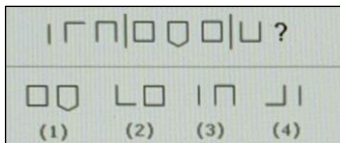The greatest number of stations that can be visited without visiting any station more than once is…

221

Look carefully at the sequence of symbols to find the pattern. Select correct pattern.

Ⅰ Γ Π | □ ∪ □ | ∪ ?

□∪ (1)   L□ (2)   ⅠΠ (3)   ⅃Ⅰ (4)

222

In a code sign DRLAL is coded as 62014314. How CAEL is coded?

a) 5315714
b) 35729310
c) 5313613
d) none

223

From a group of seven undergraduate students (A-B-C-D-E-F and G) four will be selected to give a presentation to the students union. The following conditions must be met:
1. Either A or B must be selected but A and B cannot both be selected
2. Either E or F must be selected but E and F cannot both be selected
3. E cannot be selected unless C is selected
4. G cannot be selected unless B is selected
If we know that F is not selected to present. How many different groups of four can be made following the above criteria?

a. One
b. Two
c. Three
d. Four

224

In a certain code Language
134 means good and tasty
478 means see good picture
729 means picture are faint
Which number has been used here for faint?

a. 9
b. 2
c. Data inadequate
d. 7

225

Fill the (?) in order to complete the number series.

(?), 19, 37, 61, 91, 127, 169

a) 17
b) 13
c) 11
d) 7

226

Eight persons A-B-C-D-E-F-G and H are sitting around a circle facing the centre. F is third to the right of C and second to the left of H. D is not an immediate neighbour of C or H. E is to the immediate right of A ,who is second to the right of G.
Which of the following is the correct position of B with respect to H?
I. Second to the right
II. Fourth to the right
III. Fourth to the left
IV. Second to the left

a. Only I
b. Only II
c. Only III
d. Both II and III

227

Study the following information carefully to answer these questions.
(i) A-B-C-D-E-F and G are playing cards sitting around a circular table.
(ii) D is not neighbour of C or E.
(iii) A is a neighbour of B and C.
(iv) G-who is second to the left of D is the neighbour of E and F.
Which of the following is wrong?

a. E is between G and C
b. F is between G and D
c. B is to the immediate left of D
d. A is to the immediate right of B

228

It is 8.00 p.m.-when can Hemant get next bus for Ramnagar from Dhanpur?
I. Buses for Ramnagar leave after every 30 minutes-till 10 p.m.
II. Fifteen minutes ago-one bus has left for Ramnagar.

a. if the data in statement I alone are sufficient to answer the question;
b. if the data in statement II alone are sufficient answer the question;
c. if the data either in I or II alone are sufficient to answer the question;
d. if the data in both the statements together are needed.

229

In the following questions, the following letters indicate mathematical operations as indicated below:

A: Addition
V: Equal to
S: Subtraction
W: Greater than
M: Multiplication
X: Less than
D: Division

a. 6S7A2M3W0D7
b. 6A7S2M3W0A7
c. 6S7M2S3W0M7
d. 6M7S2A3X0D7

230

State the difference between the sequence 5, 9, 13, 17,.........

a. 0.4
b. 4
c. -4
d. 1

46

231

If 1-24 hours of the clock are substituted with English alphabet starting with B then which letter will signify 18th hour?

a. R
b. S
c. T
d. U

232

Among four friends E, F, G and H who is the heaviest?
Given: i. F is heavier than E but lighter than H.
        ii. G is lighter than F..

a. If the data in statement I alone are sufficient to answer the question
b. If the data either in I or II alone are sufficient to answer the question
c. If the data in statement Ii alone are sufficient answer the question
d. If the data in both the statements together are needed

233

Amit's father has 4 children;
Shruti, Anant, Anhad.
Select the fourth kid?

a. Anshul
b. Ankit
c. Sakshi
d. Amit

234

The wind is an inexhaustible stream of energy and an aero-generator can transform it into electricity. Although not much has been achieved in this area, the survey indicates that there is a tremendous potential to grow wind as an alternate source of energy.

Conclusions:
i. Energy by wind is a new field comparatively.
ii. If there is exploration in the field of aero-generators then the energy crisis can be dealt with.

a. Only conclusion I follows
b. Only conclusion II follows
c. Neither I nor II follows
d. Both I and II follow

235

In a language, JAIPUR is coded as KBJQVS, then how would MUMBAI be coded?

a. NVNCBJ
b. NVDQ
c. AJSJKA
d. ADHDJD

236

How can you throw a ball, make it stop and travel in the opposite direction all while touching the ball only once.

a. Throw ball to the right
b. Throw ball to the left
c. Throw ball straight in front
d. Throw the ball up

How many triangles are there in the given diagram?

a. 18
b. 17
c. 16
d. 15
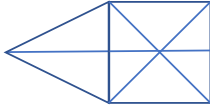
If in a language **SPORT** is written as **SROPT**, then how would **RELATIONSHIP** be written in that language?

a. RELEIONTASIHP
b. RLONTIASHEP
c. RIHSNOITALEP
d. RLATIOENHSIP
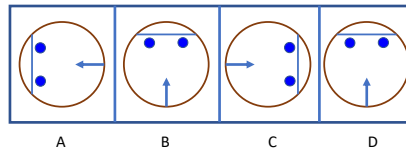
2 mothers and 2 daughters were catching fish. They managed to catch one small fish, one big fish, one medium fish, since only 3 fish were caught. How is it that they each take home a fish?

a. There was Grandmother, Mother and Daughter
b. One of them left early
c. Question is incorrect
d. None of the above

Choose the figure which is different from the others.

A   B   C   D

In the following questions, the following letters indicate mathematical operations as indicated below:

A: Addition
V: Equal to
S: Subtraction
W: Greater than
M: Multiplication
X: Less than
D: Division

a. 6S7A2M3W0D7
b. 6A7S2M3W0A7
c. 6S7M2S3W0M7
d. 6M7S2A3X0D7

State the difference between the sequence 5, 9, 13, 17,.........

a. 0.4
b. 4
c. -4
d. 1

1, 8, 4, 27, 9, ?

a. 16
b. 64
c. 8
d. 10

P scored more than D. U scored as much as D. R scored less than M. D scored more than U. M scored more than D. who scored the lowest?

A, B, C, D, E, F and G are standing in a straight line.
They are all facing North and are equally spaced,
and not necessary in the same order. Each one has
a different profession – actor, journalist, dentist, engineer,
judge, teacher and artist, again not necessary in that order.

G is fifth to the left of C. The journalist is third to the right of G.
F is fifth to the right of A. E is second to the left of B.
The engineer is second to the left of D.
There are only three people between the engineer and the artist.
The dentist is to the immediate left of the engineer.
The judge is to the immediate right of the teacher.

Q1. Who is an actor?
Q2. What is D's position wrt the painter?
Q3. Who are standing in extremes?