

A	16
B	15
C	13
D	9
Correct Answer	A
Marks	1

37	<p>Question Description</p> <p>In the following question two rows of numbers are given. The resultant number in each row is to be worked out separately based on the following rules and the questions below the rows of numbers are to be answered. The operations of numbers progress from left to right.</p> <p>Rules:</p> <ol style="list-style-type: none"> If an odd number is followed by a two digit even number then they are to be added. If an odd number is followed by a two digit odd number then the second number is to be subtracted from the first number. If an even number is followed by a number which is a perfect square of a number then the second number is to be divided by the first number. If an even number is followed by a two digit even number then the first number is to be multiplied by the second number. <p>40 30 3600 15 24 17</p> <p>What is the sum of the two resultant numbers of the set of numbers given above?</p>
A	22
B	25
C	28
D	42
Correct Answer	B
Marks	1

38	<p>Question Description</p> <p>Four sentences are given below, labelled (A), (B), (C) and (D). Of these, three sentences need to be arranged in a logical order to form a coherent paragraph/passage. From the given options, choose the one that does not fit the sequence.</p>
A	We forget how much we had to collectively invest to get them going.
B	But lately we have forgotten that lesson.
C	Relying on philanthropy has cost costs as well.
D	These programs were so successful that Americans just assumed they had always existed and always would.
Correct Answer	C
Marks	1

39	<p>Question Description</p> <p>Pointing to a photograph of a boy Suresh said, "He is the son of the only son of my mother." How is Suresh related to that boy?</p>
A	Brother
B	Uncle
C	Cousin
D	Father
Correct Answer	D
Marks	1

40	<p>Question Description</p> <p>Find the odd from the given alternatives.</p>
A	Violet
B	Blue
C	yellow
D	White
Correct Answer	D
Marks	1

41	<p>Question Description</p> <p>Statement: i. Yoga and exercise becoming daily routine in the society. ii. Increasing awareness about health in the society.</p>
A	If statement "i" is the cause and statement "ii" is its effect.
B	If statement "ii" is the cause and statement "i" is its effect.
C	If both the statements "i" and "ii" are independent causes.
D	If both the statements "i" and "ii" are effects of independent causes.
Correct Answer	B
Marks	1

42	<p>Question Description</p> <p>In question below is given a statement followed by three courses of action numbered (A), (B) and (C). A course of action is a step or administrative decision to be taken for improvement, follow-up or further action in regard to the problem, policy, etc. On the basis of the information given in the statement, you have to assume everything in the statement to be true, then assume everything in the statement to be true, then assume everything in the statement to be true, then courses of action logically follow(s) for pursuing.</p> <p>Statements:</p> <p>Uncontrolled quarrying activity in the neighbourhood has caused many landslides and also cracks to develop in some buildings in the area which has caused hardship to all the people living in the area.</p>
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Courses of action:

- a. The Govt. should immediately issue notices to all concerned to stop quarrying activity in the area till further instructions.
- b. Those who are responsible for quarrying should immediately be arrested and put behind bars.
- c. The Govt. should set up a team of officials to gather all the facts and submit a report which will enable the Govt. to take an appropriate decision in this regard.

A	Only (A)
B	Only (B)
C	Only (C)
D	Only (A) and (C)

Correct Answer D
Marks 1

43 Question Description There are two drums, each containing a mixture of paints A and B. In drum 1, A and B are in the ratio 18 : 7. The mixtures from drums 1 and 2 are mixed in the ratio 3 : 4 and in this final mixture, A and B are in the ratio 13 : 7. In drum 2, then A and B were in the ratio-----?

A	220 : 149
B	251 : 163
C	229 : 141
D	239 : 161

Correct Answer D
Marks 1

44 Question Description Study the following arrangement carefully and answer the questions given below:

6 5 1 8 2 4 9 4 5 2 6 1 7 3 2 9 4 2 3 6 7 9 2 5 8 3 1 4 5 1 2 8 3 5

How many such 4s are there in the above arrangement each of which is immediately preceded as well as immediately followed by an odd digit?

A	None
B	One
C	Two
D	Three

Correct Answer C
Marks 1

45 Question Description Find the odd from the given alternatives.

A	Deck
B	Quay
C	Stem
D	Bow

Correct Answer D
Marks 1

46 Question Description In each of the following number series, a wrong number is given. Find out the wrong number.

1 3 6 11 20 39 70

A	3
B	39
C	11
D	20

Correct Answer B
Marks 1

47 Question Description Find out the word from these options which cannot be formed by using the letters of the word given as the question using each letter only once. BEAUTIFUL

A	LIFE
B	FULL
C	BEAT
D	FUTILE

Correct Answer B
Marks 1

48 Comprehension Study the following information carefully and answer the questions given below:

- i. Ten persons – J, K, L, M, N, O, P, Q, R and S – are sitting around a circular table facing the centre with equal distances between each other (but not necessarily in the same order).
- ii. Each one of them is also related to M in some way or the other. Only two persons sit between Q and L.
- iii. M sits second to the left of Q. Only three persons sit between L and M's sister.
- iv. M's son sits second to the right of M's sister.
- v. Only one person sits between M's son and C.

- v. Only one person sits between M's son and S.
- w. J sits to the immediate right of R.
- x. R is neither the son nor the mother of M.
- y. S is an immediate neighbour of M's mother.
- z. Only three persons sit between M's mother and M's brother.
- aa. M's daughter sits second to the left of M's brother.
- ab. M's father is not an immediate neighbour of M.
- ac. M's wife sits third to the right of K.
- ad. L is to the right of Q.
- ae. Only four persons sit between M and M's father.

Question Description

How is K related to R ?

A

Son-in-law

B

Uncle

C

Brother

D

Niece

Correct Answer

D

Marks

1

49

Comprehension

Study the following information carefully and answer the questions given below:

- i. Ten persons – J, K, L, M, N, O, P, Q, R and S – are sitting around a circular table facing the centre with equal distances between each other (but not necessarily in the same order).
- ii. Each one of them is also related to M in some way or the other. Only two persons sit between Q and L.
- iii. M sits second to the left of Q. Only three persons sit between L and M's sister.
- iv. M's son sits second to the right of M's sister.
- v. Only one person sits between M's son and S.
- vi. J sits to the immediate right of R.
- vii. R is neither the son nor the mother of M.
- viii. S is an immediate neighbour of M's mother.
- ix. Only three persons sit between M's mother and M's brother.
- x. M's daughter sits second to the left of M's brother.
- xi. M's father is not an immediate neighbour of M.
- xii. M's wife sits third to the right of K.
- xiii. L is to the right of Q.
- xiv. Only four persons sit between M and M's father.

Question Description

Who amongst the following is the wife of M?

A

J

B

L

C

N

D

Q

Correct Answer

A

Marks

1

50

Comprehension

In a certain code, letters of English alphabet (consonants and vowels) are coded as given for some words. The numeric code for each letter is given in bracket under coded form and corresponds to the letter in the word in the same serial order. Study the coded forms of the given words and find out the rules for their codification. Applying those rules, answer the questions that follow in two sets.

Word Coded Form

SEAT: [5] [15] [15] [15]

NONE: [5] [25] [5] [25]

CUT: [5] [10] [5]

BOOK: [5] [20] [20] [5]
 DEEP: [5] [20] [20] [5]
 ATE: [0] [5] [0] [5]
 POUR: [5] [15] [15] [5]
 PAGE: [5] [25] [5] [25]
 PIN: [5] [10] [5]
 UNIT: [30] [5] [30] [5]
 OPEN: [30] [5] [30] [5]

Question Description	DATA
A	[5] [30] [5] [30]
B	[5] [25] [5] [25]
C	[5] [15] [15] [15]
D	[5] [10] [5] [10]
Correct Answer	B
Marks	1

51	Comprehension	<p>In a certain code, letters of English alphabet (consonants and vowels) are coded as given for some words. The numeric code for each letter is given in bracket under coded form and corresponds to the letter in the word in the same serial order. Study the coded forms of the given words and find out the rules for their codification. Applying those rules, answer the questions that follow in two sets.</p> <p>Word Coded Form SEAT: [5] [15] [15] [15] NONE: [5] [25] [5] [25] CUT: [5] [10] [5] BOOK: [5] [20] [20] [5] DEEP: [5] [20] [20] [5] ATE: [0] [5] [0] [5] POUR: [5] [15] [15] [5] PAGE: [5] [25] [5] [25] PIN: [5] [10] [5] UNIT: [30] [5] [30] [5] OPEN: [30] [5] [30] [5]</p>
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Question Description	EVE
A	[0] [5] [0]
B	[0] [15] [0]
C	[15] [5] [15]
D	[0] [10] [0]
Correct Answer	A
Marks	1

52	Comprehension	<p>A word and number arrangement machine when given an input line of words and numbers rearranges them following a particular rule.</p> <p>The following is an illustration of input and rearrangement. (All the numbers are two-digit numbers.) Input: sine 88 71 cos theta 14 56 gamma delta 26 Step I. cos sine 71 theta 14 56 gamma delta 26 88 Step II. delta cos sine theta 14 56 gamma 26 88 71 Step III. gamma delta cos sine theta 14 26 88 71 56 Step IV. sine gamma delta cos theta 14 88 71 56 26 Step V. theta sine gamma delta cos 88 71 56 26 14 Step V is the last step of the rearrangement.</p> <p>As per the rules followed in the above steps, find out in each of the following questions the appropriate steps for the given input. Input for the questions: Input: for 52 all 96 25 jam road 15 hut 73 bus stop 38 46 (All the numbers given in the arrangement are two-digit numbers.)</p>
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Question Description	Which word/number would be at 8th position from the right in step IV?
A	15
B	road
C	hut
D	jam
Correct Answer	B
Marks	1

53	Comprehension	<p>A word and number arrangement machine when given an input line of words and numbers rearranges them following a particular rule.</p> <p>The following is an illustration of input and rearrangement. (All the numbers are two-digit numbers.) Input: sine 88 71 cos theta 14 56 gamma delta 26 Step I. cos sine 71 theta 14 56 gamma delta 26 88 Step II. delta cos sine theta 14 56 gamma 26 88 71 Step III. gamma delta cos sine theta 14 26 88 71 56</p>
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Step IV. sine gamma delta cos theta 14 88 71 56 26

Step V. theta sine gamma delta cos 88 71 56 26 14

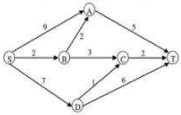
Step V is the last step of the rearrangement.

As per the rules followed in the above steps, find out in each of the following questions the appropriate steps for the given input.

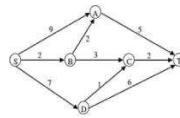
Input for the questions:

Input: for 52 all 96 25 jam road 15 hut 73 bus stop 38 46 (All the numbers given in the arrangement are two-digit numbers.)

Question Description	Which step number would be the following output? bus all for 52 25 jam road 15 hut stop 38 46 96 73
A	There will be no such step.
B	III
C	II
D	V
Correct Answer	c
Marks	1

54	Comprehension	<p>Answer on the basis of the information given below.</p> <p>A significant amount of traffic flows from point S to point T in the one-way street network shown below. Points A, B, C, and D are junctions in the network, and the arrows mark the direction of traffic flow. The fuel cost in rupees for travelling along a street is indicated by the number adjacent to the arrow representing the street.</p>  <p>Motorists travelling from point S to point T would obviously take the route for which the total cost of travelling is the minimum. If two or more routes have the same least travel cost, then motorists are indifferent between them. Hence, the traffic gets evenly distributed among all the least cost routes.</p> <p>The government can control the flow of traffic only by levying appropriate toll at each junction. For example, if a motorist takes the route S-A-T (using junction A alone), then the total cost of travel would be Rs.14 (i.e., Rs.9 + Rs.5) plus the toll charged at junction A.</p>
	Question Description	If the government wants to ensure that no traffic flows on the street from D to T, while equal amount of traffic flows through junctions A and C, then a feasible set of toll charged (in rupees) at junctions A, B, C, and D respectively to achieve this goal is:
	A	1, 5, 3, 3
	B	1, 4, 4, 3
	C	1, 5, 4, 2
	D	0, 5, 2, 2
	Correct Answer	D
	Marks	1

55	Comprehension	<p>Answer on the basis of the information given below.</p> <p>A significant amount of traffic flows from point S to point T in the one-way street network shown below. Points A, B, C, and D are junctions in the network, and the arrows mark the direction of traffic flow. The fuel cost in rupees for travelling along a street is indicated by the number adjacent to the arrow representing the street.</p>
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Motorists travelling from point S to point T would obviously take the route for which the total cost of travelling is the minimum. If two or more routes have the same least travel cost, then motorists are indifferent between them. Hence, the traffic gets evenly distributed among all the least cost routes.

The government can control the flow of traffic only by levying appropriate toll at each junction. For example, if a motorist takes the route S-A-T (using junction A alone), then the total cost of travel would be Rs.14 (i.e., Rs.9 + Rs.5) plus the toll charged at junction A.

Question Description	If the government wants to ensure that all motorists travelling from S to T pay the same amount (fuel costs and toll combined) regardless of the route they choose and the street from B to C is under repairs (and hence unusable), then a feasible set of toll charged (in rupees) at junctions A, B, C, and D respectively to achieve this goal is:
A	2, 5, 3, 2
B	0, 5, 3, 1
C	5, 1, 3, 2
D	2, 3, 5, 1
Correct Answer	B
Marks	1

56	Comprehension	<p>Study the information given below and answer the questions based on it.</p> <ul style="list-style-type: none"> i. A, B, C, D, E, F, and G are seven Professionals who work in three different companies namely TCS, Infosys and HCL, such that not less than two Professionals work in the same company. ii. Each Professional has a different car namely Renault Duster, Chevrolet Beat, Maruti Suzuki Desire, Maruti Suzuki Swift, Maruti Suzuki WagonR, Mercedes Benz and Honda but not necessarily in the same order. iii. A likes Mercedes Benz and works in the TCS Company with only one other friend who likes Maruti Suzuki Swift. iv. G works with two other Professionals. v. Both the Professionals who work with G like same company car (here car include only Desire, swift and WagonR). vi. D works in the Infosys Company with only one person and does not like Chevrolet Beat. vii. E works with only one Professional. viii. The one who likes Renault Duster does not work in the TCS or Infosys Company. ix. E does not like same company car (desire, swift and WagonR). x. C does not like Maruti Suzuki Desire, Maruti Suzuki WagonR or Chevrolet Beat.
	Question Description	Which of the following is C's car?
	A	Beat
	B	Swift
	C	Benz
	D	Honda
	Correct Answer	B
	Marks	1

57	Comprehension	<p>Study the information given below and answer the questions based on it.</p> <ul style="list-style-type: none"> i. A, B, C, D, E, F, and G are seven Professionals who work in three different companies namely TCS, Infosys and HCL, such that not less than two Professionals work in the same company. ii. Each Professional has a different car namely Renault Duster, Chevrolet Beat, Maruti Suzuki Desire, Maruti Suzuki Swift, Maruti Suzuki WagonR, Mercedes Benz and Honda but not necessarily in the same order. iii. A likes Mercedes Benz and works in the TCS Company with only one other friend who likes Maruti Suzuki Swift. iv. G works with two other Professionals. v. Both the Professionals who work with G like same company car (here car include only Desire, swift and WagonR). vi. D works in the Infosys Company with only one person and does not like Chevrolet Beat. vii. E works with only one Professional. viii. The one who likes Renault Duster does not work in the TCS or Infosys Company. ix. E does not like same company car (desire, swift and WagonR). x. C does not like Maruti Suzuki Desire, Maruti Suzuki WagonR or Chevrolet Beat.
	Question Description	Who among the following work in the HCL Company?
	A	G
	B	B
	C	F
	D	All of the above
	Correct Answer	D
	Marks	1

58	Comprehension	<p>Study the information given below and answer the questions based on it.</p> <ul style="list-style-type: none"> i. A, B, C, D, E, F, and G are seven Professionals who work in three different companies namely TCS, Infosys and HCL, such that not less than two Professionals work in the same company. ii. Each Professional has a different car namely Renault Duster, Chevrolet Beat, Maruti Suzuki Desire, Maruti Suzuki Swift, Maruti Suzuki WagonR, Mercedes Benz and Honda but not necessarily in the same order. iii. A likes Mercedes Benz and works in the TCS Company with only one other friend who likes Maruti Suzuki Swift. iv. G works with two other Professionals.
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	<p>».Both the Professionals who work with G like same company car (here car include only Desire, swift and WagonR).</p> <p>«.D works in the Infosys Company with only one person and does not like Chevrolet Beat.</p> <p>«.E works with only one Professional.</p> <p>«. The one who likes Renault Duster does not work in the TCS or Infosys Company.</p> <p>«.E does not like same company car (desire, swift and WagonR).</p> <p>«.C does not like Maruti Suzuki Desire, Maruti Suzuki WagonR or Chevrolet Beat.</p>
Question Description	Which of the following combination is definitely correct?
A	Renault - E - HCL
B	Beat - C - TCS
C	Honda - D - Infosys
D	Benz - D - TCS
Correct Answer	C
Marks	1
59	<p>Comprehension</p> <p>Study the information given below and answer the questions based on it.</p> <p>«.A, B, C, D,E, F, and G are seven Professionals who work in three different companies namely TCS, Infosys and HCL, such that not less than two Professionals work in the same company.</p> <p>«.Each Professional has a different car namely Renault Duster, Chevrolet Beat, Maruti Suzuki Desire ,Maruti Suzuki Swift, Maruti Suzuki WagonR, Mercedes Benz and Hondacity but not necessarily in the same order.</p> <p>«. A likes Mercedes Benz and works in the TCS Company with only one other friend who likes Maruti Suzuki Swift.</p> <p>«.G works with two other Professionals.</p> <p>».Both the Professionals who work with G like same company car (here car include only Desire, swift and WagonR).</p> <p>«.D works in the Infosys Company with only one person and does not like Chevrolet Beat.</p> <p>«.E works with only one Professional.</p> <p>«. The one who likes Renault Duster does not work in the TCS or Infosys Company.</p> <p>«. E does not like same company car (desire, swift and WagonR).</p> <p>«.C does not like Maruti Suzuki Desire, Maruti Suzuki WagonR or Chevrolet Beat.</p>
Question Description	Which of the following car does B have?
A	Desire
B	WagonR
C	Swift
D	Either option A or B
Correct Answer	D
Marks	1
60	<p>Comprehension</p> <p>Study the information given below and answer the questions based on it.</p> <p>«.A, B, C, D,E, F, and G are seven Professionals who work in three different companies namely TCS, Infosys and HCL, such that not less than two Professionals work in the same company.</p> <p>«.Each Professional has a different car namely Renault Duster, Chevrolet Beat, Maruti Suzuki Desire ,Maruti Suzuki Swift, Maruti Suzuki WagonR, Mercedes Benz and Hondacity but not necessarily in the same order.</p> <p>«. A likes Mercedes Benz and works in the TCS Company with only one other friend who likes Maruti Suzuki Swift.</p> <p>«.G works with two other Professionals.</p> <p>».Both the Professionals who work with G like same company car (here car include only Desire, swift and WagonR).</p> <p>«.D works in the Infosys Company with only one person and does not like Chevrolet Beat.</p> <p>«.E works with only one Professional.</p> <p>«. The one who likes Renault Duster does not work in the TCS or Infosys Company.</p> <p>«. E does not like same company car (desire, swift and WagonR).</p> <p>«.C does not like Maruti Suzuki Desire, Maruti Suzuki WagonR or Chevrolet Beat.</p>
Question Description	Which of the following represents the combination of Professionals those work in TCS?
A	A&C
B	G&E
C	B&F
D	D&E
Correct Answer	D
Marks	1