EXAM
Genius

REASONING MAINS PDF

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REASONING ABILITY

LOGICAL THINKING

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BANK & INSURANCE EXAM

PUZZLE 01

Nine persons- P, Q, R, S, T, U, V, W, and X are sitting in the linear row. Five of them are facing north and the rest of them is facing south. Also, their age lies between 18-45 and none of them has the same age. Not more than two adjacent persons are facing the same direction.

Q faces north direction. X sits either immediate left or third to the right of Q. X and Q are facing the opposite direction. Only one person is sitting between Q and S, both are facing the opposite direction. The number of persons sits to the left of S is the same as to the left of R. S sits at the extreme end. Only two persons are sitting between the one whose age is 35 and R. The immediate neighbors of X are facing the same direction. P sits immediate right of W, neither of them is adjacent to R nor Q. W and S are facing the opposite direction. P is facing the same direction as X. The age of Q is one year more than P. The age of Q is twice the age of R. U neither sits adjacent to P nor W. U and the one whose age is 18 are not sitting adjacent to each other. The one whose age is 42 sits third to the left of T. The one whose age is 42 sits to the right of P. The age difference between Q and P is the same as between R and S. T's age is an odd number which is two years more than S. W's age is twice of S. The one whose age is 44 sits immediate right of the one whose age is 36. The age of X is 6 more than the age of T.

Eight Car Maruti Suzuki, Hyundai, Tata Motors, Mahindra, Kia, Toyota, Honda and Renault manufactured in India are kept in a 8 Floor Buliding one above the other, but not necessarily in the same order. India supplied these Car to different countries viz. Bangladesh, Myanmar and Nepal. At least two and not more than three Car are supplied for each country. These Car are found in different years viz. 1965,1972, 1976, 1985, 1997, 2007,2010 and 2021.

Arrangement1: Only two Car are kept between Renault and Honda where both are neither kept at the Ground floor nor at the top floor. Only one Car is kept between Honda and Tata Motors, which is kept above Honda. Only four Car are kept between Hyundai and Kia. Hyundai is kept below Renault but not immediately below Honda. Mahindra is kept three Car below Toyota.
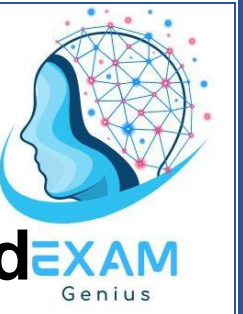
Arrangement2: Toyota is supplied to Myanmar but not with Hyundai. Only three Car are supplied to the countries which received Kia and Mahindra Car but both are supplied to different countries. The Car which is kept immediately above Honda in arrangement 1 is not supplied to Nepal. Maruti Suzuki is supplied to Bangladesh with the Car which is kept at the top of the floor in arrangement 1. Honda is neither supplied to Myanmar nor Bangladesh. Both Mahindra and Hyundai are supplied to the same country. Car which is kept at 2nd position from the top of the floor in arrangement 1 is not supplied to the same country where Tata Motors supplied.

Arrangement3: The Car which is kept at the Ground floor in arrangement 1 is found in an even numbered year. The difference between the years in which Mahindra and Hyundai were found is a perfect square but not more than 15 years. Only three Car were found between the Car which is kept three Car below Maruti Suzuki in arrangement 1 and Honda. The Car which are supplied to Myanmar other than Toyota arrangement 2 were found at the gap of 12 years. The difference between the years in which Toyota and Renault were found is twice the difference between the years in which Honda and Kia were found. The difference between the years in which Tata Motors and the Car which is kept three Car above Mahindra in arrangement 1 were found is the multiple of 5.

Nine person namely – P, Q, R, S, T, U, V, W and X lives in nine floored building marked 1 to 9 in such a way that lowermost floor is marked as 1, floor above it is marked as 2 and so on till topmost floor is marked as 9. Each person likes different bird viz. Parrot, Owl, Duck, Peacock, Dove, Crow, Eagle, Sparrow and Pigeon. Each person also likes different animal viz. Cat, Lion, Elephant, Rat, Dog, Monkey, Horse, Rabbit and Cow. All the given information is not necessary in same order.
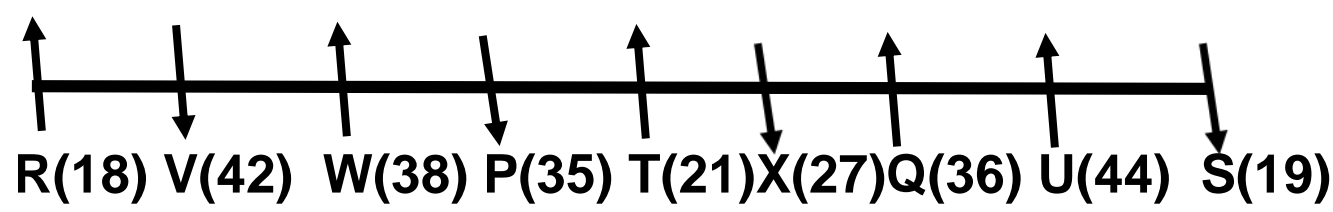
One who likes Horse lives on even numbered floor at a gap of three floor from one who likes Peacock. S, who doesn't like Eagle but likes Rat, lives on floor just below the one who likes Peacock, who neither lives on floor marked as 6 nor on floor marked as 8. V, who doesn't lives adjacent floor of W, lives on adjacent floor of one who likes Crow. T, who doesn't lives on floor adjacent to one who likes Sparrow, lives on odd numbered floor at a gap of one floor from one who likes Elephant. Only one person lives between one who likes Parrot and one who likes Horse. U who likes Rabbit lives on any floor below one who likes Eagle. Only three person lives between one who likes Parrot and W, who likes Cow. R who likes Owl neither lives on adjacent floor of one who likes Horse nor one who likes Cow. One who likes Rat and Cat doesn't lives on adjacent floor. Only two person lives between one who likes Owl and one who likes Pigeon. At least four person lives between one who likes Duck and Crow, who lives on any floor above one who likes Horse. Only Three person lives between one who likes Eagle and one who likes Elephant, who lives on adjacent floor of one who likes Cat.

Only two person lives between P and one who likes Monkey. One who likes Lion lives on odd numbered floor just below one who likes Sparrow. Q, who neither likes Dove nor Horse, lives at a gap of one floor from one who likes Dog.

<div align="center">

ANSWER

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PUZZLE 01

R(18) V(42) W(38) P(35) T(21)X(27)Q(36) U(44) S(19)

PUZZLE 02

Arrangement 1:

CAR
Tata Motors
Kia
Honda
Maruti suzuki
Toyota
Renault
Hyundai
Mahindra

Arrangement 2:

Country	Bangladesh	Myanmar	Nepal
car	Maruti sujuki Tata motors	Toyota Kia,Renault	Honda,Mahindra Hyundai

Arrangement 3

1965	Toyota
1972	Hyundai
1976	Mahindra
1985	Kia
1997	Renault
2007	Honda
2010	Tata motors
2021	Maruti Suzuki

PUZZLE 03

floor	name	bird	animal
9	R	Owl	Elephant
8	P	Parrot	Cat
7	T	Crow	Dog
6	V	Pigeon	Horse
5	Q	Eagle	Monkey
4	W	Sparrow	Cow
3	X	Dove	Lion
2	U	Peacock	Rabbit
1	S	Duck	Rat

Input: corona 54 pandemic 38 isolated 62 quarantine 82 containment 94

Step –I: 94 54 pandemic 38 isolated 62 quarantine 82 containment corona

Step-II: 94 pandemic 54 isolated 62 quarantine 82 containment corona 38

Step-III: 94 pandemic 82 54 62 quarantine containment corona 38 isolated

Step-IV: 94 pandemic 82 quarantine 62 containment corona 38 isolated 54

Step-V: 94 pandemic 82 quarantine 62 corona 38 isolated 54 containment

Step 5 is the last and final step of therearrangement. With the same rules followed in the above arrangement, determine the steps for

the following input.

Input: Errors 93 Fancy 55 Mango 65 Next 62 Rose 81

1) Which of the following element is second to the left of "Next" in step III of the given input?

a) 55

b) Fancy

c) Mango

d) 81

e) None of the above

2) In which of the following step, the elements "Next Fancy 62 Rose 65" obtained in the same order?

a) Step I

b) Step II

c) Step III

d) Step IV

e) There is no such step

3) Which of the following element is sixth from the left in step III of the given input?

a) 62

b) 55

c) Mango

d) Next

e) Errors

4) What is the sum of the numbers between the elements "Mango" and "Rose" in step III of the given input?

a) 213

b) 198

c) 207

d) 239

e) 202

5) How many numbers are there between the elements "Next" and "Rose" in step IV of the given input?

a) Two

b) Three

c) Four

d) Five

e) One

CODED INEQUALITY

A@B is written as A is not greater than B.

A$B is written as A is not smaller than B.

A&B is written as A is neither greater than nor equal to B.

A%B is written as A is neither smaller than nor equal to B.

A#B is written as A is equal to B.

1.Statements:

H % N # U $ R % C # P; S & Y @ T # U & B & X; V & W # T $ M % L $ E

Conclusions:

I. X % L @ H

II. P & Y $ M

III. B % C & W

a.Only III is true

b. Both I and II true

c. Both II and III true

d. Only II true

e. None follows

2.Statements:

T @ G & C # R @ W & E; Y # C $ Q % X $ U # V; M % D # V $ N % L # I

Conclusions:

I. E % L

II. M $ Q

II. Y % G

a. Only I

b. Only III

c. Both I and II

d. Both I and III

e. None of these

3. Statements:

N & H # J % V $ K; L @ P # J & E @ F; B # E & S @ Q

Conclusions:

I. K @ B

II. Q % V

III. S $ L

a. Only I

b. Only II

c. Both I and III

d. Both II and III

e. None of these

4. Statements:

C # R $ W % F $ N # U; H & L @ E & R # B % P

Conclusions:

I. B $ N

II. W % L

III. H & F

a. Only I

b. Both I and II

c. Only III

d. Both II and III

e. None follow

5. Statements:

S % L $ H # N & F @ G; B # N % P $ R # K & T

Conclusions:

I. G % R

II. P & L

III. T % H

a. Only I

b. Only II

c. Both I and II

d. Both I and III

e. Both II and III

ANSWER

INPUT OUTPUT

Directions (1-5):

1) Answer: A

2) Answer: D

3) Answer: A

4) Answer: B

55 + 62 + 81 = 198

5) Answer: E

For words: The words are arranged in alphabetical order based on the last letter. For each step, one word is shifted to the left and right alternatively, starting with the word at the right end in step I.

For Number: The numbers are arranged in descending order based on its digital sum. For each step, one number is shifted to the left and right alternatively, starting with the number at the left end in step I.

Input: Errors 93 Fancy 55 Mango 65 Next 62 Rose 81

Step- I: 93 Errors Fancy 55 Mango 65 Next 62 81 Rose

Step-II: 93 Mango Errors Fancy 55 Next 62 81 Rose 65

Step–III: 93 Mango 55 Fancy Next 62 81 Rose 65 Errors

Step- IV: 93 Mango 55 Next Fancy 62 Rose 65 Errors 81

Step-V: 93 Mango 55 Next 62 Rose 65 Errors 81 fancy

CODED INEQUALITY

1.a Only III is true

2.d Both I and III

3.b Only II

4.e None follow

5.c Both I and II