

PUZZLE

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TYPES

1. Classification type puzzle.
2. Floor/Box type puzzle.
3. Scheduling based puzzle.
4. Miscellaneous puzzle.

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Q.1 There are ten persons J, P, Q, R, S, T, W, U, V and X living in a ten-floor building, such that ground floor is numbered as 1, just above the floor is numbered as 2 and so on the topmost floor is numbered as 10, but not necessary in the same order. P lives on the 5th floor. Only three persons live between P and V. T lives immediate above J, who lives on an odd numbered floor. S lives on one of the floors below R. Number of persons lives between J and P is same as number of persons lives between T and R. There is only one floor in between U and X. W lives on an odd numbered floor. R does not live on top floor. S lives on an odd numbered floor above X but not on seventh floor. V lives below the floor on which P lives. U lives above the floor on which X lives. Q lives on an even numbered floor above P but not on top floor.

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1. How many persons live between W and S?

- (a) One
- (b) Four
- (c) None
- (d) Three
- (e) More than four

2. Who among the following Lives on topmost floor?

- (a) V
- (b) W
- (c) T
- (d) S
- (e) U

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Q.2 Ten persons P-Y lives in five different floors. Each floor has two flats. Flat A and flat B. Flat A is exactly to the west of flat B. Only one person lives in each flat . S lives in top most floor. There are two floor between S and P and both of them lives in same flat. R lives to the east of P. There is one floor gap between R and Q and both of them lives in different flat. T lives immediately above Q. W lives to the east of U but not on bottom most floor. Neither V nor Y lives on floor 1 of flat A. V lives above Y.

- 1) Who lives flat number A of floor number 4?**
- a) S**
 - b) Q**
 - c) V**
 - d) T**
 - E) None of these**



Q.3 Seven Persons – A, B, C, D, E, F, and G– live on separate floors of a seven-story building, but not in the same order. The ground floor of the building is numbered 1, the floor above it 2 and so on until the topmost floor is numbered 7. Each person likes different Fruits – Grapes, Guava, Papaya, Apple, Mango, Pineapple, Orange, but not necessarily in the same order. D lives on an even number floor and immediate above the one who likes the papaya fruit. E likes apple fruit. The one who likes pineapple fruit lives on the floor number 2. A lives on the floor which is immediate above D and does not like grapes fruit. F likes mango fruit and lives on floor number 4. G does not like papaya and pineapple fruit. G does not live on the bottommost and topmost floor. B lives on an even number floor and immediate above the E's floor. There are three floors between the one who likes pineapple and the one who likes guava fruit.



Who likes the grapes fruit?


- (a) A
- (b) B
- (c) C
- (d) G
- (e) None of these

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Q.4 Eight persons are living in an apartment having eight floors. First floor is numbered one; second floor is numbered two and so on till the top-most floor which is numbered eight. There are eight entrepreneurs and eight leading businessmen in the building. On each floor one entrepreneur lives with one leading businessman. The names of the eight entrepreneurs are – Mohit, Ravi, Pulkit, Praveen, Anurag, Nishant, Prashant and Rahul – not necessarily in the same order. The names of the eight businessmen are – Mahesh Kaalra, Sunil Mittal, Anil Aggarwal, Ravi Bajaj, Anand Malhotra, George Ford, Dilip Shanghvi and Anil Kaalra.

Rahul is staying on an even – numbered floor and Ravi Bajaj is staying on the first floor. There are two persons staying between the floors on which Prashant and Anurag live. Praveen is staying on the topmost floor with Anil Aggarwal. Sunil Mittal is staying on the floor exactly below the floor of Anil Kaalra but not with Pulkit. Mahesh Kaalra is staying exactly between the floors of Dilip Shanghvi and Anand Malhotra but not on the fifth floor. Prashant is staying on the third floor. Ravi is staying on an even – numbered floor and Mohit is staying on an odd – numbered floor but not on the first floor. Dilip Shanghvi is staying on the fourth floor but Ravi is not staying with him. Anand Malhotra is staying on the second floor. George Ford and Mohit are not staying on the fifth floor. Anil Kaalra is staying with Anurag on floor number sixth.



Q.5 Seven people P, Q, R, S, T, U and V live on separate floors of a 7-floor building. Ground floor is numbered 1, first floor is numbered. 2 and so on until the topmost floor are numbered 7. Each one of these is travelling to a different city, namely Delhi, Mumbai, Patna, Chennai, Kolkata, Bangalore and Lucknow but not necessarily in the same order. Only three people live above the floor on which P lives. Only one person lives between P and the one travelling to Bangalore. U lives immediately below the one travelling to Mumbai. The one travelling to Mumbai lives on an even-numbered floor. Only three people live between the ones travelling to Bangalore and Patna. T lives immediately above R. T is not travelling to Patna. Only two people live between Q and the one travelling to Kolkata. The one travelling to Kolkata lives below the floor on which Q lives. The one travelling to Delhi does not live immediately above or immediately below Q. S does not live immediately above or immediately below P. V does not travel to Chennai.



1).Which of the following is true with respect to V as per the given information'?

a)The one who lives immediately below V is travelling to Mumbai

b)V lives on floor no. 7

c)V lives immediately below T

d)V lives on the lowermost floor

e)V is travelling to Bangalore

2).Who among the following lives on floor no. 3?

a)The one travelling to Chennai

b)The one travelling to Kolkata

c)R

d)V

e)T



Q.6 There are three floors in a given building such that floor 2 is above floor 1 and floor 3 is above floor 2. In the building there are two flats in each floor such Flat A is in the west of Flat B. In the building each Flat has an area of 576 ft and each flat has some certain number of room and no two flat has same number of rooms. The area of each rooms of one of the flat on the even number floor is 64ft. Total rooms on floor number third is seven. The flat which has rooms of area of 72 ft is on odd number floor. The flat which has room area with exactly 64ft is immediately above the flat with room having area of 288ft . There is only one floor between the flat who's each room area is 192 ft and the flat whose rooms area is 72 ft. There is no flat on the west of the flat having 6 rooms.

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Q1. What is the area of a room in Flat A on floor 2?

- (a) 94
- (b) 92
- (c) 96
- (d) either (a) or (c)
- (e) None of these

Q2. What is the total number of rooms on floor 2nd?

- (a) 12
- (b) 14
- (c) 13
- (d) 15
- (e) None of these

Q3. Which of the following statement is true?

- (a) Total number of rooms on floor 2 is 14
- (b) Area of each room is 94 ft of flat A on floor 1
- (c) Total rooms in Flat A of all three floors is 17.
- (d) All are correct
- (e) None is correct

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Question 7. Nine boxes named P, Q, R, S, T, U, V, W and X are placed one above other but not necessarily in the same order. Only five boxes are placed between P and R. T is placed immediate above R. Only three boxes are placed between T and S. As many boxes placed between P and S as between Q and T. U is placed below Q, but not at bottom. More than four boxes are placed between T and U. One box is placed between U and V. Box X is placed above box W.

Q1. Which box is placed at bottom?

- (a) P
- (b) S
- (c) T
- (d) X
- (e) V



QUESTION 8 Eight boxes namely H to O are placed in a rack one above the other. The lowermost rack is numbered as 1 and above is 2 and so on. Each of the boxes is having different colors among Blue, Green, Yellow, Red, White, Orange, Indigo and Red. Each of the boxes is having different serial numbers among 19, 23, 17, 31, 34, 37, 27 and 21. All the above information is not necessarily in the same order.

Three boxes are placed between the box which having serial number as 27 and the Indigo colored box. Box J's serial number is not 27. The Indigo colored box is placed adjacent to blue colored box. Box I's serial number is 37 and doesn't placed at the topmost rack. Box M is Yellow colored and placed adjacent to the Red colored box. Box H is placed in the even numbered rack above fourth and it is placed adjacent to box which has serial number as 31. Not more than five boxes are placed above the Red colored box. Box J is placed in the seventh rack and Box H is placed adjacent to Box J. Two boxes are placed between the boxes having the serial number 21 and 34. Box J is White colored. Maximum numbers of boxes are placed between the Brown colored box and Orange colored box. Box H is not Brown colored. Box L is Green colored and it is placed adjacent to the Orange colored box. Box N's serial number is 21 and placed in the lowermost rack. The box which has serial number as 23 is placed three boxes above the Yellow colored box. Box O's serial number is 19. The box which has serial number as 17 is placed above the box which has serial number as 34.



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1. What is the serial number of Box H?

- A. 23**
- B. 33**
- C. 17**
- D. 27**
- E. None of these**

2. Which among following combination is true?

- A. Box N-Brown-21-1st rack**
- B. Box M-Yellow-34-3rd rack**
- C. Box K-Blue-31-5th rack**
- D. Box O-Orange-19-8th rack**
- E. None of these**



Question 9 -There are 7 boxes which are colored with different colors – White, Blue, Yellow, Green, Red, Brown and Pink. They are placed one above the other. And contain different flavored cupcakes – Mint Oreo, Chocolate, Blueberry, Mango, Lemon, Apple Pie and Cranberry, but not necessarily in the same order.

Further information is as follows:

(i) Boxes containing Either Mango or Cranberry cupcake is on the top or first place respectively.

(ii) The brown box is placed on 5th place from bottom.

(iii) The boxes containing Chocolate and Apple Pie cupcakes are placed consecutively.

(iv) White and Red colored boxes contain Mint Oreo and Lemon cupcakes respectively.

(v) Yellow and Brown boxes are placed at consecutive places.

(vi) Blue box, which contains Chocolate cupcake, and White box have one box in between them.

(vii) Yellow box, which contains Blueberry cupcake is placed just above the box containing Apple Pie cupcake.

The box containing Blueberry cupcake is at which position from below?

- A) Second
- B) Third
- C) Sixth
- D) Fourth
- E) Fifth



Question 10. There are 8 boxes which are colored with different colors – white, pink, green, blue, yellow, red, orange and brown. Each of them contains a number written on them from 1 to 8 according to which they are placed one above the other. The box containing number 1 is at the lowest place. Each box has different sweets namely – Rasgulla, Laddu, Peda, Nankhatai, Jalebi, Gulab Jamun, Petha and Burfi but not necessarily in the same order.

Only one box is there between pink box and the one which contains Jalebi. Number 4 is written on the brown box. The number on red colored box is odd and is placed somewhere above the box numbered four.

There are three boxes between blue box and the one which contains Gulab Jamun. The number written on Green box is odd and is placed above the box which contains Gulab Jamun. The box which contains Petha is placed immediately above orange colored box, which contains neither Gulab jamun nor Rasgulla. The yellow box does not contain Petha. There are three boxes placed between orange and white boxes. The box which contains Burfi is placed immediately above the one which contains Laddu, but not at the topmost position. Only one box is there between red colored box and the one which contains Peda. The number of boxes placed above red colored box is same as the number of boxes placed between blue and red colored boxes. Only one box is there between the one which contains Burfi and brown colored box. Two boxes are placed between green colored box and the one which contains Rasgulla.



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Question 11. Seven friends—Bharat, Viren, Saurav, Mohan, Anita, Ashok and Arvind have birthdays on one of the seven days of the same week starting from Monday and ending on Sunday. Viren's birthday is on Thursday. Viren's birthday is not immediately before or after Anita's birthday. Mohan's birthday is immediately before or after Saurav's birthday. Only one person has birthday between Viren and Bharat. Only one person has birthday between Anita and Ashok. Saurav's birthday is not before Bharat's birthday. Only one person has birthday between Viren and Saurav. Mohan's birthday is one of the days after Arvind.

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Q1. On which of the following days is Madonna's birthday?

- a) Friday
- b) Sunday
- c) Monday
- d) Tuesday
- e) None of these

Q2 Whose birthday is on the day immediately after Vivek's birthday?

- a) Ashok
- b) Mohan
- c) Aravind
- d) Anita
- e) None of these

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Question 12 Eight persons-S, T, U, V, W, X, Y and Z were joined in a company in eight different years, viz. 1990, 2010, 1992, 1984, 1980, 1998, 2003 and 1989, but not necessarily in the same order. Their experiences are calculated based on 2018 on same month and same date. W was the most experienced in the group. Only two persons were joined between Y and W. Only one persons was joined between Y and Z. S's experience was four years more than that of twice the experience of V. Only three persons were joined between Z and S. X was joined one of the odd numbered years. U was joined before T and both are joined in the even numbered years.

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? Question 13 : Seven persons A, B, C, D, E, F and G attends seminar on different dates starting from 21st June to 27th June but not necessarily in the same order. They like different brands laptop, Lenovo, Dell, Apple, Sony, Samsung, Asus, and HP. They have different brands of watch, Sonata, Rolex, Titan, Maxima, Casio, Fossil and Diesel. The one who has Diesel attends a seminar on an even numbered date. E has Rolex and F doesn't have Maxima. G attends the seminar on the last day. The one who has Diesel likes either Apple or Asus laptop. A has Titan but he doesn't like HP and will not attend the seminar just before or just after B. F likes Dell and attends the seminar three days before the one who likes Samsung. D neither likes Samsung nor Asus laptop. The one who likes HP attends the seminar on 25th June. B likes Sony and also have Sonata watch and does not attend the seminar just before or just after F, who attends the seminar on an odd numbered date. The one who likes Apple neither has Casio nor Maxima. B attends the seminar just before D and none of them likes HP. The one who has Casio attends the seminar on the 2nd day.

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Q1. Who among the following attends the seminar on 3rd day?

- A. D
- B. The one who likes Dell
- C. C
- D. The one who has Diesel
- E. The one who likes Samsung

Q2. Which of the following is correct combination for D?

- A. Lenovo-Casio
- B. Dell-Sonata
- C. Samsung-Rolex
- D. Sony-Fossil
- E. HP-Rolex

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Question 14 : There are eight friends in a group M, N, O, P, Q, R, S and T. They have their birthdays in one of the following months – March, June, November and December. In each month there are two birthdays. The birthdays are either on 16th or 25th of any given month. O and Q have birthdays in month having 31 days. There are at least two birthdays between M and T. M does not have birthday in March. N has birthday in November. T's birthday is immediately after N's. Q's birthday is not on 16th of any month. N's birthday is somewhere after O's. There are two birthdays between O and P. N and Q have birthday on same date. Similarly, M and S have birthdays on same date. P and T do not have birthdays on same date. R does not like December month.

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Q1. Who among the following has birthday on 25th of June?

- A. O
- B. P
- C. R
- D. S
- E. T

Q2. How many persons have birthday between O and T?

- A. One
- B. Two
- C. Three
- D. Four
- E. Five

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Question 15 : Ten persons L, M, N, O, P, Q, R, S, T, and U were born on two different dates 15 and 30 of five different months viz. January, March, April, September and November but not necessarily in the same order.

L was born on 15th of the month which has 31 days. Three persons were born between L and P. Four persons were born between P and O. O was born before L. The number of persons were born after O is same as the number of persons born before N. One person was born between P and R. M was born before T but not in the month of January. T was born before P. U was born before S on same date.

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Q1. How many persons were born after U?

- (a) None
- (b) Four
- (c) More than five
- (d) Two
- (e) Five

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Question 16 Seven friends M,N,O,P,Q,R, and S are selling different number of TV sets on seven different days, from Monday to Sunday of the same week. Each friend has different number of TV sets i.e. 15, 4, 18, 12, 27, 6 and 9, but not necessarily in the same order. The one who has 15 number of TV sets sells on Saturday. S has 4 number of TV sets and sell TV on Wednesday. N sells TV immediately before Q. N does not sell TV on any of the days after S. The one who has 9 number of TV sets does not sell TV on any of the days on or before Friday. The one who has 18 number of TV sets sells TV immediately after O. Q does not have 27 number of TV sets. The one who has 6 number of TV sets does not sell TV after or before S. R does not sell TV on Sunday and does not sell 18 number of TV sets. P does not sell TV on any of the days before M.

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Q1. R sells how many number of TV sets ?

- (a) 9
- (b) 27
- (c) 15
- (d) 4
- (e) 12

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Question 17 Six persons are working in a company. Their designations are Chief Executive Officer (CEO), Chief Managing Director (CMD), Managing Director (MD), General Manager (GM), Chief Finance Officer (CFO), Finance Officer (FO). Sequence of the posts are as above i.e. the post of Chief Executive Officer (CEO) is higher than Chief Managing Director (CMD), the post of Chief Managing Director (CMD) is higher than Managing Director (MD) and so on the post of Chief Finance Officer (CFO) is higher than Finance Officer (FO). They have different years of experiences. They get different annual salaries.

Only two person's designation is lower than the designation of the person whose annual salary is 7 lakhs. There are as many posts above the post of the person whose annual salary is 14 lakhs as below the post of the person who have 7-year experience. Annual salary of CEO is 6 lakhs. There are three posts in between the post of the persons whose experience are 4 years and 5 years. Person whose annual salary is 14 lakhs have just higher post than the post of the person who have 6 years' experience and just lower post than the post of the person who have 8 years' experience. Two posts are between the posts of the person who have 3 years and 8 years' experience. Person whose annual salary is 5 lakhs have higher post than the person whose annual salary is 9 lakhs and lower post than the person whose annual salary is 4 lakhs. Person whose salary is 9 lakhs doesn't have 4 years' experience.

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Q1. Who among the following has lowest salary?

- (a) Person who is CMD
- (b) Person who have 6 years' experience
- (c) Person who is GM
- (d) Person who have lowest experience
- (e) None of these

Q2. Person who is GM have how many years' experience?

- (a) 3 years
- (b) 4 years
- (c) 5 years
- (d) 8 years
- (e) None of these

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Question 18 Direction (1-5): *Study the information given below and answer the questions based on it.*

Ten students namely viz E,F,G,H,I,J,K,L,M and N of ten different colleges but not necessarily in the same order have exam on five different days starting from Monday to Friday of the same week at either 07.00 AM or 10.00 A.M. Only two people have exam between J and N. Neither I nor K have exam on Friday. M has exam on Tuesday at 07.00 A.M. L does not have exam at 10.00 AM. The number of people who have exam between K and H is same as the number of people who have exam between G and L. H does not have exam on any one of the days after I. J does not have exam on any of the days after L. F has exam immediately before M. M does not have exam on any of the days before K. The one who has exam at 07.00 A.M is immediately before N. H has exam immediately after the day of one who has exam on Monday. J does not have exam at 10.00 A.M. Only three people have exam between K and I.



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Q1. How many persons have the exam at 10'0 clock between I and L?

- A. 5**
- B. 6**
- C. 2**
- D. 4**
- E. None of these.**

Q2. Who among the following person has exam at 7 A.M?

- A. N**
- B. L**
- C. E**
- D. G**
- E. H**

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Question 19 In a family there are 9 members A, B, C, D, E, F, K, H and J there are in which 3 couples having 4 generations and 5 male members. They all born in different years i.e. 2016, 2002, 2006, 2000, 1988, 1982, 1980, 1962 and 1960 but not necessarily in the same order. They earn different salaries per month i.e. 18000, 15000, 20000, 16000, 22000, 25000, 14000, 10000 and 27000 but not necessarily in the same order. F and K are a married couple. E is sister of D. B is a daughter in law F who is grandmother of E's brother. C has two children. The oldest person in this family earns 18000 per month. E's husband born in the year 2002 and 16 years age gap between E and E's daughter. D born in the year 2006 and his father born in the year 1980. F has only two sons and B's husband born in the year 1982 and his husband's salary is 22000 per month. The person who earns highest is husband of E and there is 13000 rs gap between salary E and E's husband. There is 6 years gap between B and B's husband. K earns 15000 per month and his son earns 20000. K is not the oldest person in this family and H is brother in law of D and J is a female person. The youngest person earns lowest salary among all. D earns second highest among all and F earns more than salary of her daughter in law. J is the daughter of E

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Q1. Who among the following earn least money per month?

- A. A**
- B. K**
- C. J**
- D. D**
- E. C**

Q2. 'H' born in which of the following Year?

- A. 2006**
- B. 2002**
- C. 1980**
- D. Can't be determine**
- E. None of these**

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Question 20

Seven persons- Tina,Pari,Antu,Reta,Menu,Usha and Asha took a test on different days of a week starting from Monday to Sunday but not necessarily in the same order.Each of them scored different marks.

Antu took the test on wednesday and the marks scored by him is an odd number.The one who took the test on friday scored four marks.Only twenty-four marks in total were scored before Thursday.The marks scored by each of the persons who take the test on the first four days of the week are multiple of three. Only six marks were scored on tuesday. Reta took the test on saturday and she scored two marks less than Usha.Asha took the test before Tina. Maximum marks were scored on Monday.Usha took the test on Thursday. Pari scored twice the marks scored by Menu.The marks scored by Menu are one less than the marks scored by Antu.The marks scored by Usha were an even number.

QUESTION

How many marks were scored by the person who took the test two days before Usha?

A16

B12

C9

D10

E none of these

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QUESTION

Who among the following was the last person to take the test?

- A. Tina
- B. Menu
- C. Pari
- D. Reta
- E. None

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QUESTION 21

Eight persons namely Praveen, Queen, Ranjith, Sahana, Tushar, Umesh, Virat and Wafiq are went for shopping in different months among January to August but not necessarily in the same order. Each of them are purchased things for different amounts like Rs.1250, Rs.1750, Rs.2250, Rs.2750, Rs.3250 and Rs.3650. Not more than two persons purchased things for same amount. No two persons went for shopping in a same month.

Ranjith went for shopping in a month, which doesn't have 31 days and he purchased for Rs.1250. Only two persons went for shopping between Ranjith and Virat, who doesn't go in January. Umesh went for shopping immediately before Ranjith.

The person, who went for shopping immediately after Virat, purchased for Rs.3250. Two persons went for shopping between Tushar and the person, who went for shopping immediately after Virat. Tushar doesn't go in July and he purchased for Rs.3650. Queen went for shopping immediately before Praveen and neither of them purchased for Rs.3250. Umesh and Sahana purchased for same amount but not for Rs.3250. Only one person purchased for Rs.2250 and Rs.2750. Ranjith and Queen purchased for same amount. Praveen is not the last person to go for shopping. The person who went for shopping in February doesn't purchase for Rs.2750.



Question Virat purchased for how much amount?

- A. Rs. 1750
- B. Rs. 3250
- C. Rs. 2750
- D. Rs. 2250
- E. None of these

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Question Who went for shopping in August month?

- A. Tushar
- B. Sahana
- C. Virat
- D. Wafiq
- E. None of these



QUESTION 22(MAINS LEVEL)

A to H are the eight family members of having distinct salary, working efficiency and age in each category. They were ranked in each category from rank 1 to 8 with highest being 1st and lowest being 8th but not necessarily in the same order.

D, who is son-in-law of A's wife has better efficiency than B but D's salary is immediately lesser than E. B is grandfather of H. There are two mothers and two fathers in the family and B is eldest person of the family. E, mother of H and C and getting higher salary than both H and C, but E has lower efficiency than H and C, who is unmarried. No female has better efficiency than B. D is immediately below to E in age category. A, D and G doesn't have the same rank in any of the three categories. B has same rank in any of the two categories. A has better efficiency among all members. F has lower salary among all members. C is one ranked below rank in both in salary and age category that she got in efficiency category. C is the elder daughter of A and has better efficiency than both her mother and grandmother but she is younger than both G and B. G is female member and she ranked second from bottom in efficiency category and got lesser salary than D but immediate younger than B. F is grandson of G and has same rank in all categories. Equal number of males and females are there in the family. G has one daughter. G's son-in-law's salary and A's father-in-law salary are in consecutive ranks.

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