

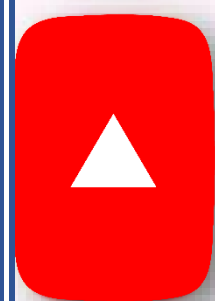
REASONING MAINS GENIUS



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Daily Current Affairs Pdf

01

Mains Reasoning Practice Pdf

02

Weekly current Affairs Pdf

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Daily Current Affairs Quiz

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Daily speed booster for quant

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PUZZLE 01

Seven films viz. Dhadak, Manikarnika, Kabir Singh, Bharat, Super-30, Zero and Dear Comrade were to be screened on seven different days of a week starting from Friday such that only one film was about to screen on one day. Shashank, Sandeep, Ali, Ritesh, Anand, Krish and Baburao were the directors of these films but not necessarily in the same order. The directors were sitting in a straight linear row facing towards the screen which is in north direction such that the directors of the films that are screened consecutively were not sitting adjacent.

Manikarnika was screened on the fifth day of the week. The director of Manikarnika was sitting second to the left of Ali, who directed Bharat. Dhadak was not directed by Baburao. Krish was seated fourth to the right of Ritesh, who directed Manikarnika. Kabir Singh was screened just after Bharat but not on Monday. Anand, who directed Zero was sitting at an extreme end. Sandeep was on the immediate right of Krish, who directed Dear Comrade. The film directed by Ali was screened on Saturday. Ali was adjacent to Shashank, whose film did not screen on Monday. Zero and Dhadak were screened on consecutive days such that Zero was screened before Dhadak.



सात फिल्मों अर्थात धड़क, मणिकर्णिका, कबीर सिंह, भारत, सुपर-30, जीरो और डियर कॉमरेड शुक्रवार से शुरू होने वाले सप्ताह के सात अलग-अलग दिनों में इस तरह प्रदर्शित की जानी थीं कि एक दिन केवल एक फिल्म प्रदर्शित होने वाली थी। शशांक, संदीप, अली, रितेश, आनंद, कृष और बाबूराव इन फिल्मों के निर्देशक थे लेकिन जरूरी नहीं कि उसी क्रम में हों। निर्देशक एक सीधी रैखिक पंक्ति में स्क्रीन की ओर मुख करके बैठे थे जो उत्तर दिशा में थी इस तरह से लगातार प्रदर्शित होने वाली फिल्मों के निर्देशक आसन्न नहीं बैठे थे। मणिकर्णिका सप्ताह के पांचवें दिन प्रदर्शित की गई थी। मणिकर्णिका के निर्देशक अली के बाईं ओर दूसरे स्थान पर बैठे थे, जिन्होंने भारत का निर्देशन किया था। धड़क का निर्देशन बाबूराव ने नहीं किया था। कृष रितेश के दाईं ओर चौथे स्थान पर बैठे थे, जिन्होंने मणिकर्णिका का निर्देशन किया था अली द्वारा निर्देशित फिल्म शनिवार को प्रदर्शित की गई। अली शशांक के बगल में थे, जिनकी फिल्म सोमवार को प्रदर्शित नहीं हुई। जीरो और धड़क लगातार दिनों में प्रदर्शित की गईं, इस तरह जीरो धड़क से पहले प्रदर्शित हुई।



PUZZLE 02

Eight persons viz. Rati, Iti, Dhiti, Miti, Gati, Sati, Kriti and Niti appeared for an interview for the vacancy of Air-hostess in an airline company. The interview was scheduled on 5th and 12th of each month among July, August, September and November. No two persons can have interview on same date. They have different heights (in cm) ranging from 125cm to 160cm (both inclusive).

The ones that have interview in the month having total number of days as even have their height in even number whereas the rest have their heights in odd numbers. No two persons have same height.

Dhiti's interview was in the month of August. Only two interviews held between the interviews of Dhiti and the one whose height is a perfect cube. Iti's interview held after but not immediately after that of Rati, whose height is an odd number. Sati's height is a perfect square and her interview was on an odd numbered date. Rati was not the first one to give interview. The interviews of Iti and Sati were in consecutive turns but not in the same month. The difference of heights between Rati and Dhiti is 12cm. Dhiti's height is 34cm more than that of Kriti, who is the shortest person. Niti, who is shorter than Rati had her interview before Sati in the month having 30 days. The height of the one who gave her interview just before Rati is in prime numbers. Miti's height is 29cm more than that of Gati, who didn't give interview in the last. Niti's height is more than Iti, who is 142cm tall.



ठ व्यक्ति अर्थात रति, इति, धीति, मिति, गति, सती, कृति और नीति एक एयरलाइन कंपनी में एयर-होस्टेस की रिक्ति के लिए साक्षात्कार के लिए उपस्थित हुए। साक्षात्कार जुलाई, अगस्त, सितंबर और नवंबर के बीच प्रत्येक महीने की 5 और 12 तारीख को निर्धारित किया गया था। एक ही तारीख को दो व्यक्तियों का साक्षात्कार नहीं हो सकता। उनकी अलग-अलग ऊंचाई (सेमी में) 125 सेमी से 160 सेमी (दोनों समावेशी) के बीच है।

जिन लोगों का साक्षात्कार उस महीने में है जिसमें कुल दिनों की संख्या सम है उनकी ऊंचाई सम संख्या में है जबकि बाकी की ऊंचाई विषम संख्या में है। दो व्यक्तियों की ऊंचाई समान नहीं है।

धीति का साक्षात्कार अगस्त के महीने में था। धीति और जिसकी ऊंचाई एक पूर्ण घन है, के साक्षात्कार के बीच केवल दो साक्षात्कार हुए। इति का साक्षात्कार रति के साक्षात्कार के तुरंत बाद नहीं बल्कि उसके तुरंत बाद हुआ, जिसकी ऊंचाई एक विषम संख्या है। इति और सती के साक्षात्कार लगातार बारी-बारी से हुए लेकिन एक ही महीने में नहीं। रति और धीति के बीच की लम्बाई का अंतर 12 सेमी है। धीति की लम्बाई कृति से 34 सेमी अधिक है, जो सबसे छोटी व्यक्ति है। नीति, जो रति से छोटी है, ने 30 दिनों वाले महीने में सती से पहले अपना साक्षात्कार दिया था। रति से ठीक पहले साक्षात्कार देने वाली की लम्बाई अभाज्य संख्याओं में है। मिति की लम्बाई गति से 29 सेमी अधिक है, जिसने अंतिम साक्षात्कार नहीं दिया था। नीति की लम्बाई इति से अधिक है, जो 142 सेमी लंबी है।



PUZZLE 03

Eight members of a family from P to W were seated around a rectangular shaped table such that one person sits at each corner and one person sits in the middle of each side. The ones sitting at the corners receive different amounts as their mobile bill while the ones sitting in the middle of the sides own mobile phones of different brands. No two persons receive neither same amount of bill nor same brand mobile phone. All the persons face towards centre.

P's mother own Samsung mobile phone and is second to the right of the one who owns Apple mobile phone. The one who gets Rs. 1200 bill is on the immediate right of V, who is the spouse of Q. Q is the brother of R but R is not the brother of Q. U is a female member and receives bill half of the mobile bill of her mother. W, who owns Vivo mobile phone is the father of U and sits adjacent to U. P and U are not siblings but belong to same generation. P is second to the left of V. S, who owns Realme mobile phone and is on the immediate left of U. R sits on the immediate left of S. Q's mobile bill is Rs. 400 more than that of U. T sits on the immediate left of P. T is the mother of R, who is a married female. T's mobile bill is equal to the difference of mobile bills of her off springs.



P से W तक एक परिवार के आठ सदस्य एक आयताकार मेज के चारों ओर इस प्रकार बैठे हैं कि प्रत्येक कोने पर एक व्यक्ति और प्रत्येक भुजा के मध्य में एक व्यक्ति बैठा है। कोनों पर बैठे लोगों को उनके मोबाइल बिल के रूप में अलग-अलग राशि मिलती है जबकि भुजाओं के मध्य में बैठे लोगों के पास विभिन्न ब्रांडों के मोबाइल फोन होते हैं। किन्हीं दो व्यक्तियों को न तो समान राशि का बिल मिलता है और न ही एक ही ब्रांड का मोबाइल फोन मिलता है। सभी व्यक्ति केंद्र के सम्मुख हैं।

P की माँ के पास सैमसंग मोबाइल फोन है और वह एप्पल मोबाइल फोन के मालिक के दाईं ओर दूसरे स्थान पर है। 1200 रुपये का बिल पाने वाला व्यक्ति V के निकटतम दाईं ओर है, जो Q का जीवनसाथी है। Q, R का भाई है लेकिन R, Q का भाई नहीं है। U एक महिला सदस्य है और उसे अपनी माँ के मोबाइल बिल का आधा बिल मिलता है। W, जो वीवो मोबाइल फोन का मालिक है, U का पिता है और U के बगल में बैठता है T, P के ठीक बाएं बैठा है। T, R की माँ है, जो एक विवाहित महिला है। T का मोबाइल बिल उसकी संतानों के मोबाइल बिल के अंतर के बराबर है।



ANSWER

PUZZLE 01

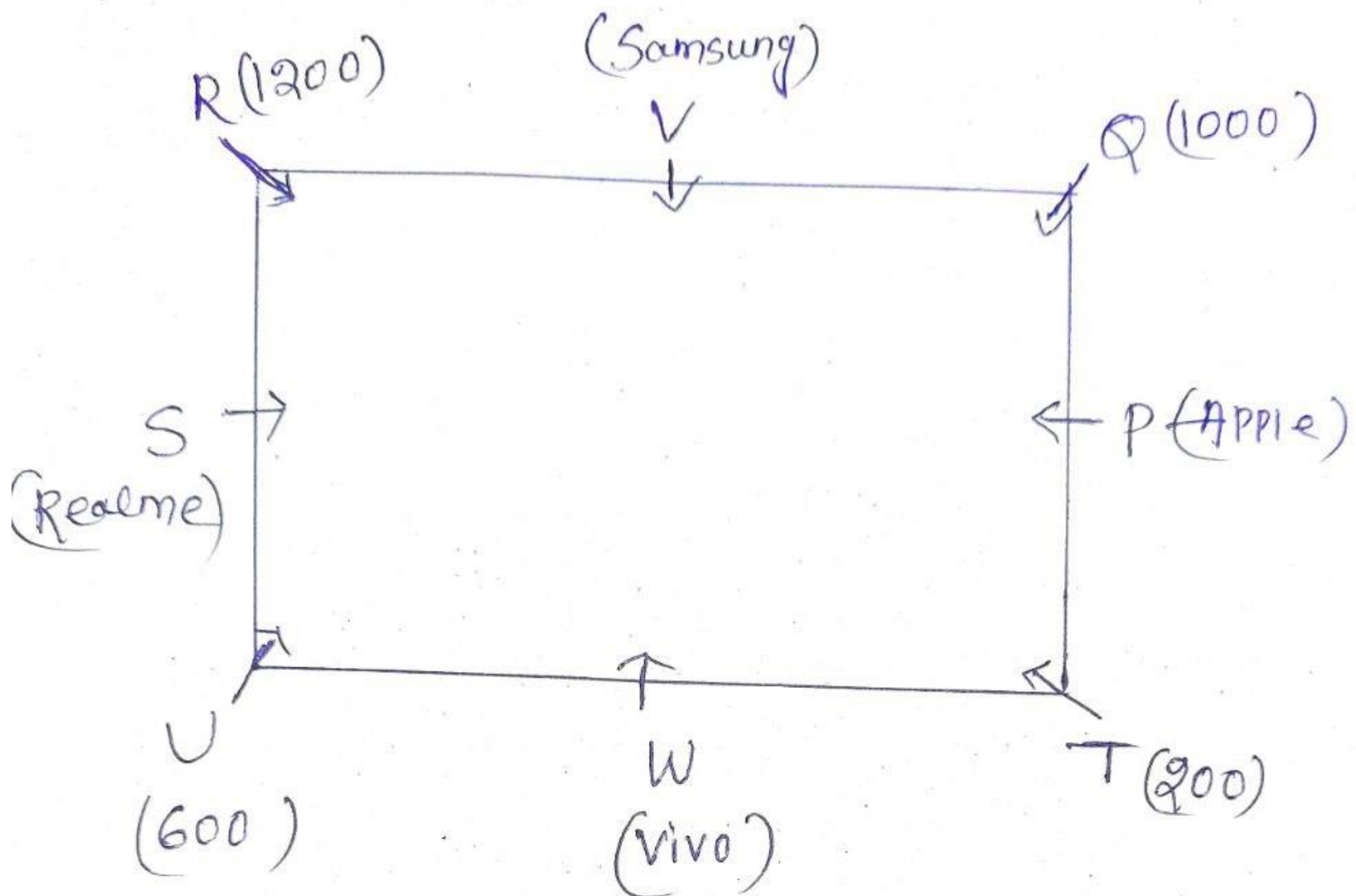
Director	Ritesh	Shasank	Ali	Baburao	Krish	Sandeep	Anand
Films	Manikarnika	Dhadak	Bharat	Super 30	Dear comrede	Kabirsingh	zero
Day	Tuesday	Thursday	Satarday	Monday	Friday	Sunday	Wednesday

PUZZLE 02

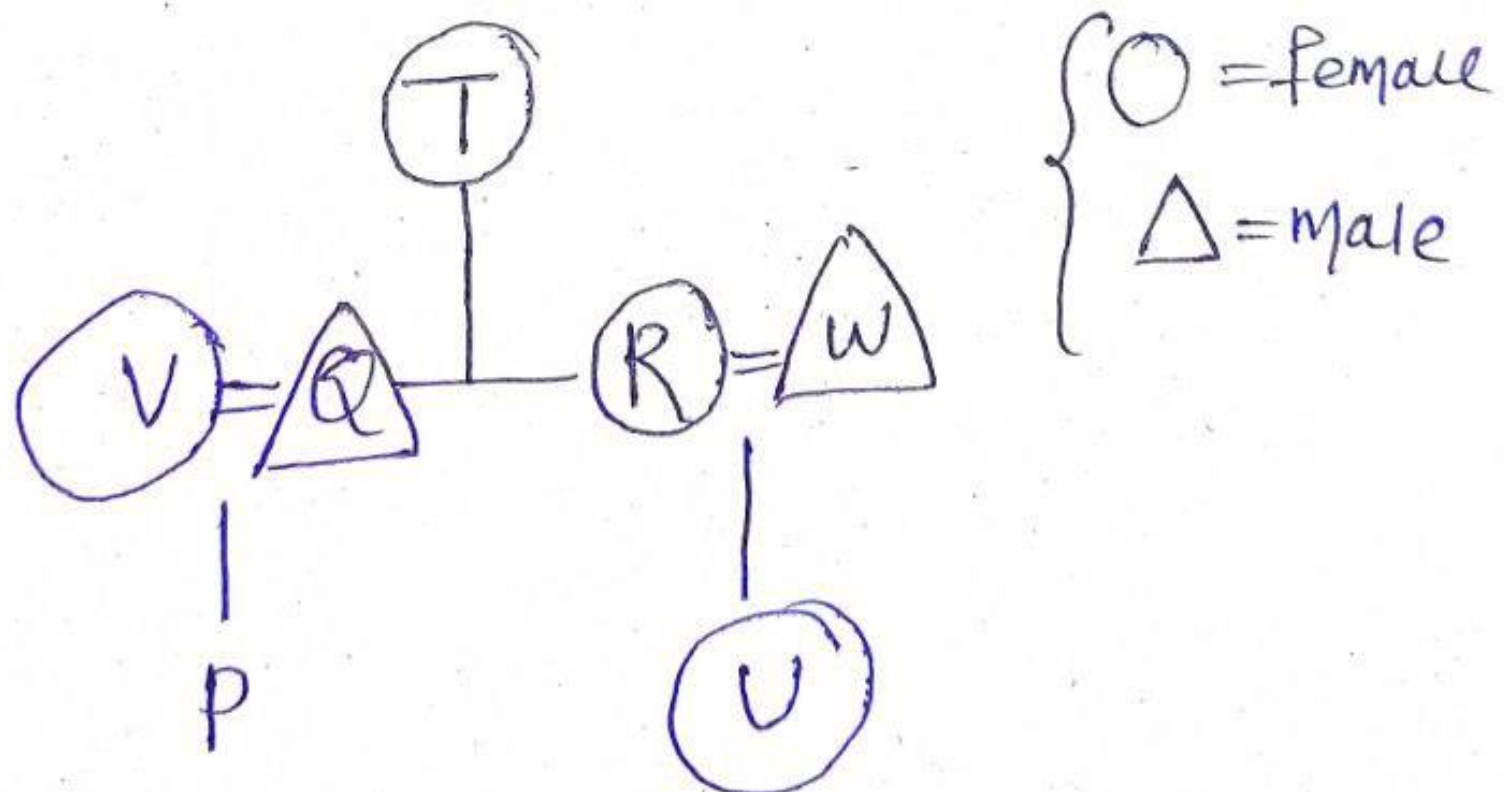
Months	Dates	Person	Heights
July	5	Kirti	125
	12	Gati	127/131
August	5	Rati	147
	12	Dhiti	159
September	5	Niti	146
	12	Iti	142
November	5	Sati	144
	12	Miti	156/160



PUZZLE 03



Blood Relation



INPUT - OUTPUT

An alphanumeric machine when given an input rearranges them by following a particular rule in each step. The following is an illustration of the input and steps rearrangement:

Input: 4376 Work Round 2861 3586 Blink Service 4379

Step I: 4821 zjgpi 3628 tqwpb 5624 uctxgac 2149 yqti

Step II: 15 aqtkr 19 gjdky 17 fxgctzx 16 bjgr

Step III: 16 25 36 64 rktqa rgjb xztcgxf ykdjg

Step IV: af be cf fd kq gj zx kj

Step V: zx af kq be kj cf gj fd

Step V is the last and final step of the rearrangement. With the same rules followed in the above arrangement, determine the steps for the following input

**Input: 4396 Drive Covid Medical 2364 6974 Routine
5963**

1) Which of the following element is third from the right end in step III?

- a) 25
- b) xctgy
- c) qbztyxp
- d) 64



e) ytcjz

2) What is the sum of the highest number in step III and the lowest number in step II?

a) 79

b) 82

c) 67

d) 74

e) 87

3) Which of the following element is second from the left end and second from the right end respectively in step I?

a) 2473, tqwvgpc

b) aqxgb, 9442

c) btgxc, 3636

d) 9442, kcbgayj

e) tqwvhp, 1824

4) Which of the following sequence correctly represents the step V?

a) zy ag xg be xy di qp fd

b) yz af xg be xy di qp fd

c) xg be xy zy ag di qp fd

d) af xg yz be xy di qp fd

e) tj af kj bx fd cf di cg



5) If "aqxgb" is related to "3636" in step I and "fd" is related to "kj" in step IV, then which of the following element is related to "gjdetkx" in step II?

a) ygtcx

b) 17

c) zjcty

d) 19

e) btgxc

CODED BLOOD RELATION

Set-01

"A@B" means "A is the daughter of B".

"A&B" means "B is the father of A".

"A%B" means "A is the sister of B".

"A#B" means "B is the son of A".

"A\$B" means "A is the mother of B".

"A*B" means "B is the wife of A".

"A!B" means "A is the brother of B".



1) If $P@J*U$, then how J is related to M and how many female members are there in this family?

$K\%G\$L, U\&M, U@T\%L@V$

- a) Son-in-law and Five
- b) Father-in-law and Six
- c) Brother-in-law and Five
- d) Son-in-law and Six
- e) Father-in-law and Four

2) What comes in the blank space respectively such that P is the daughter-in-law of M?

$P_G@T_H!K\%Q; H*M_T!L$

- a) \$, %, and #
- b) \$, &, and #
- c) %, % and \$
- d) \$, % and &
- e) #, \$ and #

3) Which of the following correctly represents B is the brother-in-law of F?

- a) $M\#B*L\%F@Q$
- b) $F@M*Q\$L\%B$
- c) $A\&B*M@Q\$F$



d) Both a and b

e) Both a and c

Set-02

'A @ B' means 'B is the father of A'

'A # B' means 'A is the mother of B'

'A \$ B' means 'B is the sister of A'

'A % B' means 'A is the brother of B'

'A & B' means 'B is the wife of A'

'A * B' means 'A is the husband of B'

'A + B' means 'B is the daughter of A'

'A ^ B' means 'B is the son of A'

'A +[∞] B' means 'A is the daughter-in-law of B'

"∞" means in-law

O#P\$K@J; N%M@R*K; Z#Q@P; B@N*D

1) If all the unknown genders are female, then which of the following statement(s) is/are true?

a) J+Q

b) D\$[∞]M@R



- c) $Z@^\infty J+K$
- d) Both a and c
- e) Both b and c

2) If $M\%^\infty D\#^\infty F$, then how is F related to P?

- a) Niece's husband
- b) Nephew's son-in-law
- c) Nephew's daughter-in-law
- d) Sister's grand-daughter
- e) Either b or c



ANSWER

INPUT-OUTPUT

6. Answer: C

7. Answer: A

8. Answer: B

9. Answer: E

10. Answer: D

We have,

Input: 4376 Work Round 2861 3586 Blink Service 4379

For step I: Firstly, all the numbers are added within the number then the resultant is arranged in ascending order, such that if the resultant

number is an even then, product of the first and the third digit is written at the end and retained the remaining two digits of each number, else if the resultant number is an odd, then the product of second and the third digit is written at the beginning and retained the remaining two digits of each number.

4376-20; 2861-17; 3586-22; 4379-23

17 20 22 23

4821 3628 5624 2149



First, all the words are arranged in alphabetical order from left to right and then the letter which comes in the first half of the alphabetical series is changed to the second preceding letter whereas the letter which comes in the second half of the alphabetical series is changed to the second succeeding letters as per the English alphabetical order.

Blink Round Service Work

For example in the word blink B is in the first half of the letter in the alphabetical series then it is changed to the second preceding letter i.e z, whereas N is in the second half in the alphabetical series then it is changed to the second succeeding letter i.e.P

Step I: 4821 zjgpi 3628 tqwpb 5624 uctxgac 2149 yqti

For step II: All the digits are added within the numbers and all the letters are changed to their complimentary pair as per the alphabetical order.

Step II: 15 aqtkr 19 gjdky 17 fxgctzx 16 bjgr

For step III: The square value of the difference of digits of numbers are taken and arranged in ascending order, followed by the words are arranged in alphabetical order and then the letters within each word are written in reverse order.

Step III: 16 25 36 64 rktqa rgjb xztcgxf ykdjg



For step IV: The digits in each number are changed with the place value of the letters as per English alphabetical order, whereas the letter which is second from both the ends of each word are taken.

Step IV: af be cf fd kq gj zx kj For step V: Words are arranged in alternate way such that the reverse alphabetical and alphabetical words are written.

Step V: zx af kq be kj cf gj fd Based on the rule followed we have output for the given input.

**Input: 4396 Drive Covid Medical 2364 6974 Routine
5963**

Step I: 1824 aqxgb 3636 btgxc 5453 kcbgayj 9442 tqwvgpc

Step II: 15 zjcty 18 ygtcx 17 pxytzbq 19 gjdetkx

Step III: 16 36 49 64 xktedjg qbztyxp xctgy ytcjz

Step IV: af cf di fd kj bx cg tj

Step V: tj af kj bx fd cf di cg

Step V is the final output.



CODED BLOOD RELATION

Set-01

1) Answer: D

2) Answer: B

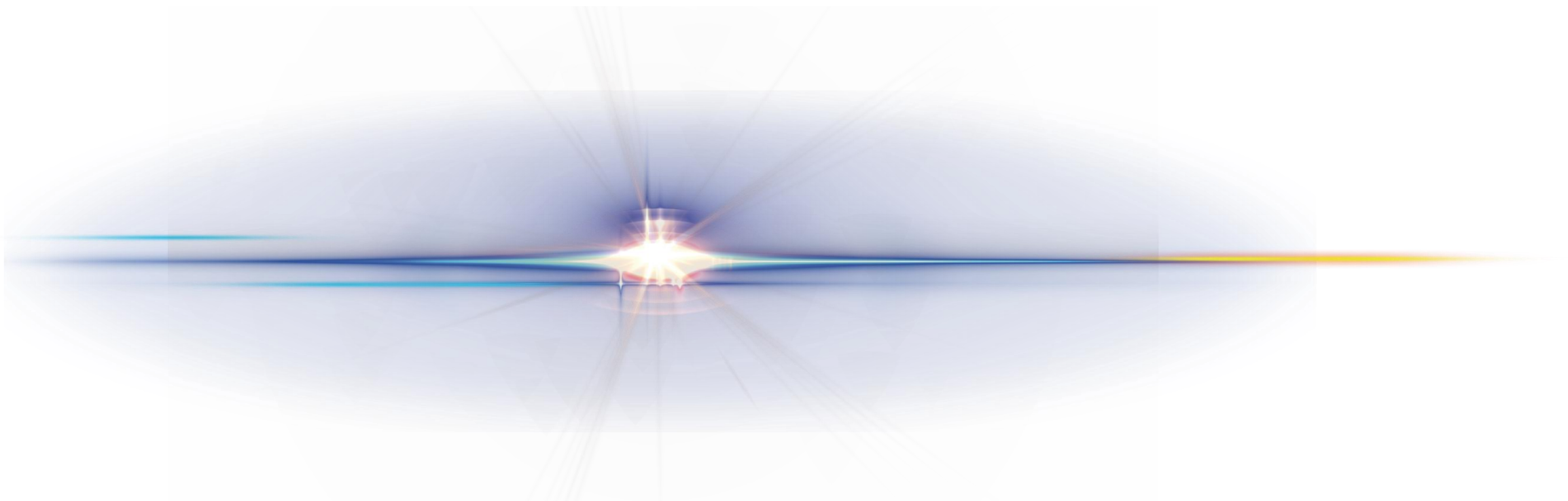
3) Answer: E

Set-02

1) Answer: E

2) Answer: E





GIVE YOUR FEEDBACK IN COMMENT SECTION

