Banking Daily Quiz Blog - July 29

1. **Directions: Answer the questions based on the information given below.**

   Eight persons A, B, C, D, E, F, G and H join a same company on 8th of different months (in same year) among January, February, April, June, August, Sept, November and December. H doesn't join in a month, which consists of 30 days. A joins at most four months before H. Three persons join between A and G, who doesn't join in January. F joins immediately after G. D joins three months before F. D neither joins in January nor in June. C joins immediately after B.

A. **E joins in which month?**

A	August

B	**June**

C	September

D	October

E	December

Solution

I. As H doesn't join in a month, which consists of 30 days.

II. A joins at most four months before H.

III. Three persons join between A and G, who doesn't join in January.

IV. F joins immediately after G.

V. D joins three months before F, so

	Case I:			Case II:			Case III:	
	January	A		January			January	D
	February	H		February			February	G
	April			April	A		April	F
	June	D		June			June	
	August	G		August	H		August	
	September	F		September	D		September	A
	November			November	G		November	
	December			December	F		December	H

VI. D neither joins in January nor in June, so case I and case III are rejected.

VII. C joins immediately after B, so C joins in February, B joins in January and E joins in June.

The final table is given below:

January	B
February	C
April	A
June	E
August	H
September	D
November	G
December	F

B. **How many persons join between B and D?**

A	Three

B	Two

C	**Four**

D	Five

E	One

Solution

I. As H doesn't join in a month, which consists of 30 days.

II. A joins at most four months before H.

III. Three persons join between A and G, who doesn't join in January.

IV. F joins immediately after G.

V. D joins three months before F, so

Case I:			Case II:			Case III:	
January	A		January			January	D
February	H		February			February	G
April			April	A		April	F
June	D		June			June	
August	G		August	H		August	
September	F		September	D		September	A
November			November	G		November	
December			December	F		December	H

VI. D neither joins in January nor in June, so case I and case III are rejected.

VII. C joins immediately after B, so C joins in February, B joins in January and E joins in June.

The final table is given below:

January	B
February	C
April	A
June	E
August	H
September	D
November	G
December	F

C. **Find the odd one out.**

A D, A

C	G, E

D	**F, B**

E	H, F

Solution

I. As H doesn't join in a month, which consists of 30 days.

II. A joins at most four months before H.

III. Three persons join between A and G, who doesn't join in January.

IV. F joins immediately after G.

V. D joins three months before F, so

Case I: Case II: Case III:

January	A	January		January	D
February	H	February		February	G
April		April	A	April	F
June	D	June		June	
August	G	August	H	August	
September	F	September	D	September	A
November		November	G	November	
December		December	F	December	H

VI. D neither joins in January nor in June, so case I and case III are rejected.

VII. C joins immediately after B, so C joins in February, B joins in January and E joins in June.

The final table is given below:

January	B
February	C
April	A
June	E
August	H
September	D
November	G
December	F

D. **H joins __ months after C.**

A Four

B Three

C Two

D **Six**

Solution

I. As H doesn't join in a month, which consists of 30 days.

II. A joins at most four months before H.

III. Three persons join between A and G, who doesn't join in January.

IV. F joins immediately after G.

V. D joins three months before F, so

Case I:		Case II:		Case III:	
January	A	January		January	D
February	H	February		February	G
April		April	A	April	F
June	D	June		June	
August	G	August	H	August	
September	F	September	D	September	A
November		November	G	November	
December		December	F	December	H

VI. D neither joins in January nor in June, so case I and case III are rejected.

VII. C joins immediately after B, so C joins in February, B joins in January and E joins in June.

The final table is given below:

January	B
February	C
April	A
June	E
August	H
September	D
November	G
December	F

E. Who joins in September?

A   A

B   **D**

C   C

D   H

E   None of these

Solution

I. As H doesn't join in a month, which consists of 30 days.

II. A joins at most four months before H.

III. Three persons join between A and G, who doesn't join in January.

IV. F joins immediately after G.

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Case I:		Case II:		Case III:	
January	A	January		January	D
February	H	February		February	G
April		April	A	April	F
June	D	June		June	
August	G	August	H	August	
September	F	September	D	September	A
November		November	G	November	
December		December	F	December	H

VI. D neither joins in January nor in June, so case I and case III are rejected.

VII. C joins immediately after B, so C joins in February, B joins in January and E joins in June.

The final table is given below:

January	B
February	C
April	A
June	E
August	H
September	D
November	G
December	F

2. **Directions : Study the following information carefully and answer the given questions.**

Input: nano 74 nest 26 neat 35 normal 43 narrow 67

Step1: 74 nest neat 35 normal 43 narrow 67 nano 262

Step2: 74 nest neat normal 43 67 nano 262 narrow 335

Step3: 74 nest normal 67 nano 262 narrow 335 neat 343

Step4: 74 normal nano 262 narrow 335 neat 343 nest 367

Step5: nano 262 narrow 335 neat 343 nest 367 normal 742

Step 5 is the final output.

Find the different steps of output using the above mentioned logic for the following input.

Input: tea 53 table 46 tact 83 this 69 test 11.

A. **Which of the following steps, 'table' is placed at third from the left end?**

| A | Step 1 |

| B | Input |

| **C** | **Step 4** |

| D | Either A or |

Solution

Change in Word : Change in words takes place as per the dictionary order and placed before the number.

Change in Number:Change in numbers takes place as per the ascending order. Thereafter numbers are changed to a new number which is obtained by application of the following rules and then shifted to the extreme right end.

Rule I: If the number is even, then place '2' at the end of the number.

Rule II : If the number is odd, then place '3' at the beginning of the number.

Note : Changes in word and number take place simultaneously in each step.

Solution to the given input:

Input: tea 53 table 46tact 83 this 69 test 11

Step1: tea 53 46 tact 83 this 69 test table 311

Step2: tea 53 83 this 69 test table 311 tact 462

Step3: 83 this 69 test table 311 tact 462 tea 353

Step4: 83 this table 311 tact 462 tea 353 test 369

Step5: table 311 tact 462 tea 353 test 369 this 383.

B. **Which of the following is the final output ?**

A   table 311 tact 462 test 353 tea 369 this 383

B   **table 311 tact 462 tea 353 test 369 this 383**

C   this 383 table 311 tact 462 tea 353 test 369

D   tact 462 tea 353 test 369 this 383 table 311

E   None of these

Solution

Change in Word : Change in words takes place as per the dictionary order and placed before the number.

Change in Number:Change in numbers takes place as per the ascending order. Thereafter numbers are changed to a new number which is obtained by application of the following rules and then shifted to the extreme right end.

Rule I: If the number is even, then place '2' at the end of the number.

Rule II : If the number is odd, then place '3' at the beginning of the number.

Note : Changes in word and number take place simultaneously in each step.

Solution to the given input:

Input: tea 53 table 46tact 83 this 69 test 11

Step1: tea 53 46 tact 83 this 69 test table 311

Step2: tea 53 83 this 69 test table 311 tact 462

Step3: 83 this 69 test table 311 tact 462 tea 353

Step4: 83 this table 311 tact 462 tea 353 test 369

Step5: table 311 tact 462 tea 353 test 369 this 383.

C. **What is the difference between the highest and the lowest numbers of step 3 ?**

A	268

B	316

C	**393**

D	413

E	None of these

Solution

Change in Word : Change in words takes place as per the dictionary order and placed before the number.

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Note : Changes in word and number take place simultaneously in each step.

Solution to the given input:

Input: tea 53 table 46tact 83 this 69 test 11

Step1: tea 53 46 tact 83 this 69 test table 311

Step2: tea 53 83 this 69 test table 311 tact 462

Step3: 83 this 69 test table 311 tact 462 tea 353

Step4: 83 this table 311 tact 462 tea 353 test 369

Step5: table 311 tact 462 tea 353 test 369 this 383.

D. **Which of the following element is second to the left of fourth element from the right end in step 2?**

A   83

B	this

C	**69**

D	test

E	None of these

Solution

Change in Word : Change in words takes place as per the dictionary order and placed before the number.

Change in Number:Change in numbers takes place as per the ascending order. Thereafter numbers are changed to a new number which is obtained by application of the following rules and then shifted to the extreme right end.

Rule I: If the number is even, then place '2' at the end of the number.

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Solution to the given input:

Input: tea 53 table 46tact 83 this 69 test 11

Step1: tea 53 46 tact 83 this 69 test table 311

Step2: tea 53 83 this 69 test table 311 tact 462

Step3: 83 this 69 test table 311 tact 462 tea 353

Step4: 83 this table 311 tact 462 tea 353 test 369

Step5: table 311 tact 462 tea 353 test 369 this 383.

E. **In whichof the following steps "83 this table" is seen in the same sequence?**

A **Step 4**

B Step 5

C Step 3

D Both Step 3 and step 4

E None of these

Solution

Change in Word : Change in words takes place as per the dictionary order and placed before the number.

Change in Number:Change in numbers takes place as per the ascending order. Thereafter numbers are changed to a new number which is obtained by application of the following rules and then shifted to the extreme right end.

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