

# Banking Daily Quiz Blog - March 7



1. Study the information carefully and answer the questions given below.

Nine persons J, K, L, M, N, O, P, Q and R are working in three different department – IT, HR and Production but not necessarily in the same order. At least two persons are working in the same department but not more than four.

L works with Q but not in IT. P does not work in HR. Both K and R work in same department but not work with both P and J. M work only with O but not in IT. J work with N. O does not work in production.

A. How many persons work in HR?

A Two

B One

C Four

D Three

E Cannot be determined

**Solution**

According to the question,

M work only with O but not in IT and O does not work in production. So, M and O work in HR department.

L works with Q but not in IT. So, L and Q work in Production department.

P does not work in HR. Both K and R work in same department but not work with both P and J. So, P and J work in IT department.

J work with N.

| <b>IT</b> | <b>HR</b> | <b>Production</b> |
|-----------|-----------|-------------------|
| P         | M         | L                 |
| J         | O         | Q                 |
| N         |           | K                 |
|           |           | R                 |

So, two persons work in HR.

Hence, the option (A) is correct.

**B. In which of the following department R works?**

A IT

B HR or IT

C **Production**

D HR

E IT or Production

**Solution**



According to the question,

M work only with O but not in IT and O does not work in production. So, M and O work in HR department.

L works with Q but not in IT. So, L and Q work in Production department.

P does not work in HR. Both K and R work in same department but not work with both P and J. So, P and J work in IT department.

J work with N.

| <b>IT</b> | <b>HR</b> | <b>Production</b> |
|-----------|-----------|-------------------|
| <b>P</b>  | <b>M</b>  | <b>L</b>          |
| <b>J</b>  | <b>O</b>  | <b>Q</b>          |
| <b>N</b>  |           | <b>K</b>          |
|           |           | <b>R</b>          |

So, R works in Production department.

Hence, the option (C) is correct.

**C. Four of the following five are alike in a certain way and so form a group. Find the one who does not belong to that group?**

**A** P-N

**B** J-K

C L-K

D Q-R-L

E M-O

### Solution

According to the question,

M work only with O but not in IT and O does not work in production. So, M and O work in HR department.

L works with Q but not in IT. So, L and Q work in Production department.

P does not work in HR. Both K and R work in same department but not work with both P and J. So, P and J work in IT department.

J work with N.

| <b>IT</b> | <b>HR</b> | <b>Production</b> |
|-----------|-----------|-------------------|
| <b>P</b>  | <b>M</b>  | <b>L</b>          |
| <b>J</b>  | <b>O</b>  | <b>Q</b>          |
| <b>N</b>  |           | <b>K</b>          |
|           |           | <b>R</b>          |

So, except J – K, all the pairs work in same department.

Hence, the option (B) is correct.

**D. Which of the following pair/group of persons work in IT?**

**A** P-J

**B** P-K

**C** R-J

**D** N-R

**E** K-N

### Solution

According to the question,

M work only with O but not in IT and O does not work in production. So, M and O work in HR department.

L works with Q but not in IT. So, L and Q work in Production department.

P does not work in HR. Both K and R work in same department but not work with both P and J. So, P and J work in IT department.

J work with N.

| <b>IT</b> | <b>HR</b> | <b>Production</b> |
|-----------|-----------|-------------------|
| <b>P</b>  | <b>M</b>  | <b>L</b>          |
| <b>J</b>  | <b>O</b>  | <b>Q</b>          |
| <b>N</b>  |           | <b>K</b>          |
|           |           | <b>R</b>          |

So, P and J work in IT department.

Hence, the option (A) is correct.

**E. Who among the following work with Q except L?**

A P

B K

C N

D R

E **K and R**

### **Solution**

According to the question,

M work only with O but not in IT and O does not work in production. So, M and O work in HR department.

L works with Q but not in IT. So, L and Q work in Production department.

P does not work in HR. Both K and R work in same department but not work with both P and J. So, P and J work in IT department.

J work with N.

**IT**

**HR**

**Production**

|   |   |   |
|---|---|---|
| P | M | L |
| J | O | Q |
| N |   | K |
|   |   | R |

So, K and R work with Q except L.

Hence, the option (E) is correct.

**2. Study the information carefully and answer the questions given below.**

Six persons take lecture on different topics i.e., Coffee, Tea, Cold Drink, Juice, Diaper and Baby lotion in different months of a same year i.e., January, May, June, July, September and December but not necessarily in the same order.

D takes lecture on Baby lotion in the month which has 30 days. E takes lecture on Tea but not just before A. A takes lecture in the month which has even number of days. Two persons take lecture between D and the one who take lecture of Juice. There are as many persons take lecture before A same as the number of persons take lecture after the one who takes lecture on Coffee. C takes lecture just before of the one who takes lecture on Diaper. B neither take lecture on Coffee nor juice. F does not take lecture on cold drink. E does not take lecture after D.

**A. Which of the following statement is true?**

A C takes lecture before E

B F takes lecture on Coffee



**C** B takes lecture in January

**D** C does not take lecture on Juice

**E** None is true

### Solution

According to the question,

D takes lecture on Baby lotion in the month which has 30 days. So, D takes lecture either in June or September.

Two persons take lecture between D and the one who take lecture of Juice.

A takes lecture in the month which has even number of days. So, A takes lecture either in September or June.

There are as many persons take lecture before A same as the number of persons take lecture after the one who takes lecture on Coffee.

C takes lecture just before of the one who takes lecture on Diaper. So, C takes lecture in May.

E takes lecture on Tea but not just before A and E does not take lecture after D. So, E takes lecture in January.

B neither take lecture on Coffee nor juice and F does not take lecture on cold drink.

| Month   | Person | Topics |
|---------|--------|--------|
| January | E      | Tea    |
| May     | C      | Juice  |

|                  |          |                    |
|------------------|----------|--------------------|
| <b>June</b>      | <b>A</b> | <b>Diaper</b>      |
| <b>July</b>      | <b>F</b> | <b>Coffee</b>      |
| <b>September</b> | <b>D</b> | <b>Baby Lotion</b> |
| <b>December</b>  | <b>B</b> | <b>Cold Drink</b>  |

So, 'F takes lecture on Coffee' is true.

Hence, the option (B) is correct.

**B. Who among the following take lecture in May?**

A F

B E

C B

D C

E None of these

### **Solution**

According to the question,

D takes lecture on Baby lotion in the month which has 30 days. So, D takes lecture either in June or September.

Two persons take lecture between D and the one who take lecture of Juice.

A takes lecture in the month which has even number of days. So, A takes lecture either in September or June.

There are as many persons take lecture before A same as the number of persons take lecture after the one who takes lecture on Coffee.

C takes lecture just before of the one who takes lecture on Diaper. So, C takes lecture in May.

E takes lecture on Tea but not just before A and E does not take lecture after D. So, E takes lecture in January.

B neither take lecture on Coffee nor juice and F does not take lecture on cold drink.

| <b>Month</b>     | <b>Person</b> | <b>Topics</b> |
|------------------|---------------|---------------|
| <b>January</b>   | E             | Tea           |
| <b>May</b>       | C             | Juice         |
| <b>June</b>      | A             | Diaper        |
| <b>July</b>      | F             | Coffee        |
| <b>September</b> | D             | Baby Lotion   |
| <b>December</b>  | B             | Cold Drink    |

So, C takes lecture in May.

Hence, the option (D) is correct.

**C. Four of the following five are alike in a certain way and so form a group. Find the one who does not belong to that group?**

**A** D

**B** B

**C** F

**D** E

**E** C

### Solution

According to the question,

D takes lecture on Baby lotion in the month which has 30 days. So, D takes lecture either in June or September.

Two persons take lecture between D and the one who take lecture of Juice.

A takes lecture in the month which has even number of days. So, A takes lecture either in September or June.

There are as many persons take lecture before A same as the number of persons take lecture after the one who takes lecture on Coffee.

C takes lecture just before of the one who takes lecture on Diaper. So, C takes lecture in May.

E takes lecture on Tea but not just before A and E does not take lecture after D. So, E takes lecture in January.

B neither take lecture on Coffee nor juice and F does not take lecture on cold drink.

| Month | Person | Tonics |
|-------|--------|--------|
|-------|--------|--------|

| Month     | Person | Topic       |
|-----------|--------|-------------|
| January   | E      | Tea         |
| May       | C      | Juice       |
| June      | A      | Diaper      |
| July      | F      | Coffee      |
| September | D      | Baby Lotion |
| December  | B      | Cold Drink  |

So, except September, all the given months have 31 days and D takes lecture in September.

Hence, the option (A) is correct.

**D. Who among the following take lecture just before B?**

A The one who take lecture on Baby lotion

B E

C D

D Both (A) and (C)

E None of these

### Solution

According to the question,

D takes lecture on Baby lotion in the month which has 30 days. So, D

takes lecture either in June or September.

Two persons take lecture between D and the one who take lecture of Juice.

A takes lecture in the month which has even number of days. So, A takes lecture either in September or June.

There are as many persons take lecture before A same as the number of persons take lecture after the one who takes lecture on Coffee.

C takes lecture just before of the one who takes lecture on Diaper. So, C takes lecture in May.

E takes lecture on Tea but not just before A and E does not take lecture after D. So, E takes lecture in January.

B neither take lecture on Coffee nor juice and F does not take lecture on cold drink.

| <b>Month</b>     | <b>Person</b> | <b>Topics</b> |
|------------------|---------------|---------------|
| <b>January</b>   | E             | Tea           |
| <b>May</b>       | C             | Juice         |
| <b>June</b>      | A             | Diaper        |
| <b>July</b>      | F             | Coffee        |
| <b>September</b> | D             | Baby Lotion   |
| <b>December</b>  | B             | Cold Drink    |

So, D who take lecture on Baby lotion.

Hence, the option (D) is correct.

- E. The number of persons take lecture after C is same as number of persons take lecture between *and* ?**

A

E and the one who take lecture on Cold drink

B

C and D

C

The one who take lecture on Baby lotion and F

D

Both (a) and (c)

E

None of these

### Solution

According to the question,

D takes lecture on Baby lotion in the month which has 30 days. So, D takes lecture either in June or September.

Two persons take lecture between D and the one who take lecture of Juice.

A takes lecture in the month which has even number of days. So, A takes lecture either in September or June.

There are as many persons take lecture before A same as the number of persons take lecture after the one who takes lecture on Coffee.

C takes lecture just before of the one who takes lecture on Diaper. So, C takes lecture in May.

E takes lecture on Tea but not just before A and E does not take lecture after D. So, E takes lecture in January.

D neither take lecture on Coffee nor Juice and E does not take lecture on

B neither take lecture on Coffee nor juice and F does not take lecture on cold drink.

| <b>Month</b>     | <b>Person</b> | <b>Topics</b> |
|------------------|---------------|---------------|
| <b>January</b>   | E             | Tea           |
| <b>May</b>       | C             | Juice         |
| <b>June</b>      | A             | Diaper        |
| <b>July</b>      | F             | Coffee        |
| <b>September</b> | D             | Baby Lotion   |
| <b>December</b>  | B             | Cold Drink    |

So, the number of persons take lecture after C is same as number of persons take lecture between E and the one who take lecture on Cold drink.

Hence, the option (A) is correct.

