

# Banking Daily Quiz Blog - April 13

**1. Directions : Study the following information carefully and answer the questions below.**

There are the exams of different subjects held on the different days of a week(Starting from Sunday and ending on Saturday). Subjects are Hindi, English, Maths, Physics, Chemistry and Biology but not necessarily in the same order. One of the days of the week is holiday. There is a gap of two days between the exam of Hindi and the exam of English which is held after the exam of the former subject but not on the last day of the week. Exam of Maths held immediately before the exam of English. There is a gap of more than a day between the exam of Maths and the exam of Chemistry which is not held before the exam of Hindi. No exam held between the exam of Biology and the exam of Chemistry. No holiday between Chemistry and Biology. Neither Thursday nor Sunday is a holiday. There are three exams held in between the exam of Physics and the exam of Biology.

**A. In the given options exam of which two subjects is held on the day that started with the same letter?**

**A** English and Hindi

**B** Biology and Physics

**C** Chemistry and Hindi

**D** Physics and Chemistry

**E** None of These

Solution

I. There is a gap of two days between the exam of Hindi and the exam of English which is held after the exam of the former subject but not on the last day of the week.

As per this statement, there are three possible cases and the arrangement will look like this:

	Case I	Case II	Case III
Name of Days	Name of Subjects	Name of Subjects	Name of Subjects
Sunday	Hindi		
Monday		Hindi	
Tuesday			Hindi
Wednesday	English		
Thursday		English	
Friday			English
Saturday			

II. Exam of Maths held immediately before the exam of English.

III. There is a gap of more than a day between the exam of Maths and the exam of Chemistry which is not held before the exam of Hindi.

As per this statement, CASE I will further get split into one more case and CASE III get eliminated and we will continue with CASE I and CASE II and the arrangement will look like this:

	Case I	Case I(A)	Case II
Name of Days	Name of Subjects	Name of Subjects	Name of Subjects
Sunday	Hindi	Hindi	
Monday			Hindi
Tuesday	Maths	Maths	
Wednesday	English	English	Maths
Thursday			English
Friday	Chemistry		
Saturday		Chemistry	

IV. No exam held between the exam of Biology and the exam of Chemistry. No holiday between Chemistry and Biology.

As per this statement, CASE I will further get split into one more case and the arrangement will look like this:

	Case I	Case I(A)	Case I(B)	Case II
Name of Days	Name of Subjects	Name of Subjects	Name of Subjects	Name of Subjects
Sunday	Hindi	Hindi	Hindi	
Monday				Hindi
Tuesday	Maths	Maths	Maths	
Wednesday	English	English	English	Maths
Thursday	Biology			English
Friday	Chemistry	Biology	Chemistry	Biology
Saturday		Chemistry	Biology	Chemistry

V. Neither Thursday nor Sunday is a holiday. There are three exams held in between the exam of Physics and the exam of Biology.

As per these statements, CASE I, CASE I (A) and CASE I (B) will get eliminated and we will continue with CASE II and the final arrangement will look like this :

	Case II
Name of Days	Name of Subjects
Sunday	Physics
Monday	Hindi
Tuesday	Holiday
Wednesday	Maths
Thursday	English
Friday	Biology
Saturday	Chemistry

**B. Which of the following statements is/are true?**

**A**

**Exam of Maths held just after Holiday.**

**B**

**Exam of Biology held on Saturday.**

**C**

**Only one exam held in between the exam of Hindi and Maths**

**D**

**Both A and B**

**E**

**Both B and C**

**Solution**

I. There is a gap of two days between the exam of Hindi and the exam of English which is held after the exam of the former subject but not on the last day of the week.

As per this statement, there are three possible cases and the arrangement will look like this:

	Case I	Case II	Case III
Name of Days	Name of Subjects	Name of Subjects	Name of Subjects
Sunday	Hindi		
Monday		Hindi	
Tuesday			Hindi
Wednesday	English		
Thursday		English	
Friday			English
Saturday			

II. Exam of Maths held immediately before the exam of English.

III. There is a gap of more than a day between the exam of Maths and the exam of Chemistry which is not held before the exam of Hindi.

As per this statement, CASE I will further get split into one more case and CASE III get eliminated and we will continue with CASE I and CASE II and the arrangement will look like this:

	Case I	Case I(A)	Case II
Name of Days	Name of Subjects	Name of Subjects	Name of Subjects
Sunday	Hindi	Hindi	
Monday			Hindi
Tuesday	Maths	Maths	
Wednesday	English	English	Maths
Thursday			English
Friday	Chemistry		
Saturday		Chemistry	

IV. No exam held between the exam of Biology and the exam of Chemistry. No holiday between Chemistry and Biology.

As per this statement, CASE I will further get split into one more case and the arrangement will look like this:

	Case I	Case I(A)	Case I(B)	Case II
Name of Days	Name of Subjects	Name of Subjects	Name of Subjects	Name of Subjects
Sunday	Hindi	Hindi	Hindi	
Monday				Hindi
Tuesday	Maths	Maths	Maths	
Wednesday	English	English	English	Maths
Thursday	Biology			English
Friday	Chemistry	Biology	Chemistry	Biology
Saturday		Chemistry	Biology	Chemistry

V. Neither Thursday nor Sunday is a holiday. There are three exams held in between the exam of Physics and the exam of Biology.

As per these statements, CASE I, CASE I (A) and CASE I (B) will get eliminated and we will continue with CASE II and the final arrangement will look like this :

	Case II
Name of Days	Name of Subjects
Sunday	Physics
Monday	Hindi
Tuesday	Holiday
Wednesday	Maths
Thursday	English
Friday	Biology
Saturday	Chemistry

C. Which of the following combination is not true?



Monday-Hindi



Saturday-Chemistry



**Wednesday-English**



Sunday-Physics



Friday-Biology

### **Solution**

I. There is a gap of two days between the exam of Hindi and the exam of English which is held after the exam of the former subject but not on the last day of the week.



As per this statement, there are three possible cases and the arrangement will look like this:

	Case I	Case II	Case III
Name of Days	Name of Subjects	Name of Subjects	Name of Subjects
Sunday	Hindi		
Monday		Hindi	
Tuesday			Hindi
Wednesday	English		
Thursday		English	
Friday			English
Saturday			

II. Exam of Maths held immediately before the exam of English.

III. There is a gap of more than a day between the exam of Maths and the exam of Chemistry which is not held before the exam of Hindi.

As per this statement, CASE I will further get split into one more case and CASE III get eliminated and we will continue with CASE I and CASE II and the arrangement will look like this:

	Case I	Case I(A)	Case II
Name of Days	Name of Subjects	Name of Subjects	Name of Subjects
Sunday	Hindi	Hindi	
Monday			Hindi
Tuesday	Maths	Maths	
Wednesday	English	English	Maths
Thursday			English
Friday	Chemistry		
Saturday		Chemistry	

IV. No exam held between the exam of Biology and the exam of Chemistry. No holiday between Chemistry and Biology.

As per this statement, CASE I will further get split into one more case and the arrangement will look like this:

	Case I	Case I(A)	Case I(B)	Case II
Name of Days	Name of Subjects	Name of Subjects	Name of Subjects	Name of Subjects
Sunday	Hindi	Hindi	Hindi	
Monday				Hindi
Tuesday	Maths	Maths	Maths	
Wednesday	English	English	English	Maths
Thursday	Biology			English
Friday	Chemistry	Biology	Chemistry	Biology
Saturday		Chemistry	Biology	Chemistry

V. Neither Thursday nor Sunday is a holiday. There are three exams held in between the exam of Physics and the exam of Biology.

As per these statements, CASE I, CASE I (A) and CASE I (B) will get eliminated and we will continue with CASE II and the final arrangement will look like this :

	Case II
Name of Days	Name of Subjects
Sunday	Physics
Monday	Hindi
Tuesday	Holiday
Wednesday	Maths
Thursday	English
Friday	Biology
Saturday	Chemistry

D. If Physics is related to English and Maths is related to Chemistry then in the same way Hindi is related to \_\_?



Chemistry



Biology



Maths



Nobody (As the day is holiday)

Solution

I. There is a gap of two days between the exam of Hindi and the exam of English which is held after the exam of the former subject but not on the last day of the week.

As per this statement, there are three possible cases and the arrangement will look like this:

	Case I	Case II	Case III
Name of Days	Name of Subjects	Name of Subjects	Name of Subjects
Sunday	Hindi		
Monday		Hindi	
Tuesday			Hindi
Wednesday	English		
Thursday		English	
Friday			English
Saturday			

II. Exam of Maths held immediately before the exam of English.

III. There is a gap of more than a day between the exam of Maths and the exam of Chemistry which is not held before the exam of Hindi.

As per this statement, CASE I will further get split into one more case and CASE III get eliminated and we will continue with CASE I and CASE II and the arrangement will look like this:

	Case I	Case I(A)	Case II
Name of Days	Name of Subjects	Name of Subjects	Name of Subjects
Sunday	Hindi	Hindi	
Monday			Hindi
Tuesday	Maths	Maths	
Wednesday	English	English	Maths
Thursday			English
Friday	Chemistry		
Saturday		Chemistry	

IV. No exam held between the exam of Biology and the exam of Chemistry. No holiday between Chemistry and Biology.

As per this statement, CASE I will further get split into one more case and the arrangement will look like this:

	Case I	Case I(A)	Case I(B)	Case II
Name of Days	Name of Subjects	Name of Subjects	Name of Subjects	Name of Subjects
Sunday	Hindi	Hindi	Hindi	
Monday				Hindi
Tuesday	Maths	Maths	Maths	
Wednesday	English	English	English	Maths
Thursday	Biology			English
Friday	Chemistry	Biology	Chemistry	Biology
Saturday		Chemistry	Biology	Chemistry

V. Neither Thursday nor Sunday is a holiday. There are three exams held in between the exam of Physics and the exam of Biology.

As per these statements, CASE I, CASE I (A) and CASE I (B) will get eliminated and we will continue with CASE II and the final arrangement will look like this :

	Case II
Name of Days	Name of Subjects
Sunday	Physics
Monday	Hindi
Tuesday	Holiday
Wednesday	Maths
Thursday	English
Friday	Biology
Saturday	Chemistry

E. Which of the following exam held on Thursday?



Maths



English



Hindi



Biology

### Solution

I. There is a gap of two days between the exam of Hindi and the exam of English which is held after the exam of the former subject but not on the last day of the week.

As per this statement, there are three possible cases and the arrangement will look like this:

	Case I	Case II	Case III
Name of Days	Name of Subjects	Name of Subjects	Name of Subjects
Sunday	Hindi		
Monday		Hindi	
Tuesday			Hindi
Wednesday	English		
Thursday		English	
Friday			English
Saturday			

II. Exam of Maths held immediately before the exam of English.

III. There is a gap of more than a day between the exam of Maths and the exam of Chemistry which is not held before the exam of Hindi.

As per this statement, CASE I will further get split into one more case and CASE III get eliminated and we will continue with CASE I and CASE II and the arrangement will look like this:

	Case I	Case I(A)	Case II
Name of Days	Name of Subjects	Name of Subjects	Name of Subjects
Sunday	Hindi	Hindi	
Monday			Hindi
Tuesday	Maths	Maths	
Wednesday	English	English	Maths
Thursday			English
Friday	Chemistry		
Saturday		Chemistry	

IV. No exam held between the exam of Biology and the exam of Chemistry. No holiday between Chemistry and Biology.

As per this statement, CASE I will further get split into one more case and the arrangement will look like this:

	Case I	Case I(A)	Case I(B)	Case II
Name of Days	Name of Subjects	Name of Subjects	Name of Subjects	Name of Subjects
Sunday	Hindi	Hindi	Hindi	
Monday				Hindi
Tuesday	Maths	Maths	Maths	
Wednesday	English	English	English	Maths
Thursday	Biology			English
Friday	Chemistry	Biology	Chemistry	Biology
Saturday		Chemistry	Biology	Chemistry

V. Neither Thursday nor Sunday is a holiday. There are three exams held in between the exam of Physics and the exam of Biology.

As per these statements, CASE I, CASE I (A) and CASE I (B) will get eliminated and we will continue with CASE II and the final arrangement will look like this :

	Case II
Name of Days	Name of Subjects
Sunday	Physics
Monday	Hindi
Tuesday	Holiday
Wednesday	Maths
Thursday	English
Friday	Biology
Saturday	Chemistry



**2. Direction : Answer the questions based on the information given below.**

Ten person A, B, C, D, E, F, G, H, I and J were born in the different months of same year viz January, February, March, April, May, June, July, August, September and October. All of them like different colours such as Green, White, Black, Blue, Brown, Pink, Violet, Yellow, Red and Magenta. No two person was born in the same month. All the information are not necessarily in the same order. Five person were born between H and I, who was born in the month of having 30 days and I likes yellow colour. H is not the youngest person in the group but likes green colour. One person was born between H and B, who was born before A. Number of person were born after J as same as number of person were born before A, who is born after H. J is younger than A, who was born in the month of having 30 days and A likes magenta. F is younger than only one person but elder than G and E, who is the youngest person. Neither E nor D likes brown and Black. One who likes black was born before G, who likes Blue. G and C, who likes pink, were born in the month of having 31 days and C is younger than G. One who likes white is elder than one who likes black and one who likes Red is the youngest person. C, who likes pink, is elder than the one who likes yellow. More than two persons was born after the one who likes brown.

**A. Which of the following person born after June ?**

**A** One who likes violet

**B** One who likes white

**C** One who likes brown

D

E

G

Solution

January-31, February-28(If leap year 29), March-31, April-30, May-31, June-30, July-31, August-31, September-30, October-31, November-30, December-31

I. Five persons were born between H and I, who was born in the month of having 30 days and I likes yellow colour.

II. H is not the youngest person in the group and likes green colour.

Month	Person	Colour
January		
February		
March	H	Green
April		
May		
June		
July		
August		
September	I	Yellow
October		

III. Number of person were born after J as same as number of person were born before A, who is born after H.

IV. J is younger than A, who was born in the month of having 30 days and A likes magenta .

V. One person was born between H and B, who was born before A.

VI. F is younger than only but elder than G and E, who is the youngest person.

Month	Person	Colour
January	B	
February	F	
March	H	Green
April	A	Magenta
May		
June		
July	J	
August		
September	I	Yellow
October	E	

VII. One who likes black was born before G, who likes Blue.

VIII. G and C, who likes pink, were born in the month of having 31 days and C is younger than G.

IX. Neither E nor D likes Brown and Black.

X. One who One who likes white is elder than one who likes black and one who likes Red is the youngest person.

Hence, final arrangement as follows:

Month	Person	Colour
January	B	White
February	F	Black
March	H	Green
April	A	Magenta
May	G	Blue
June	D	Violet
July	J	Brown
August	C	Pink
September	I	Yellow
October	E	Red

**B. Which of the following combination is/are true ?**

**A** D-Brown

**B** E-Violet

**C** **F-Black**

**D** B-Red

**E** All are true

### **Solution**

January-31, February-28(If leap year 29), March-31, April-30, May-31, June-30, July-31, August-31, September-30, October-31, November-30, December-31

I. Five persons were born between H and I, who was born in the month of having 30 days and I likes yellow colour.

II. H is not the youngest person in the group and likes green colour.

Month	Person	Colour
January		
February		
March	H	Green
April		
May		
June		
July		
August		
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October		

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January	B	
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July	J	
August		
September	I	Yellow
October	E	

VII. One who likes black was born before G, who likes Blue.

VIII. G and C, who likes pink, were born in the month of having 31 days and C is younger than G.

IX. Neither E nor D likes Brown and Black.

X. One who likes white is elder than one who likes black and one who likes Red is the youngest person.

Hence, final arrangement as follows:

Month	Person	Colour
January	B	White
February	F	Black
March	H	Green
April	A	Magenta
May	G	Blue
June	D	Violet
July	J	Brown
August	C	Pink
September	I	Yellow
October	E	Red

C. Who was born on June?

A

One who likes Blue

B

D

C

G

D

One who likes brown

E

None of these

### Solution

January-31, February-28(If leap year 29), March-31, April-30, May-31, June-30, July-31, August-31, September-30, October-31, November-30, December-31

I. Five persons were born between H and I, who was born in the month of having 30 days and I likes yellow colour.

II. H is not the youngest person in the group and likes green colour.

Month	Person	Colour
January		
February		
March	H	Green
April		
May		
June		
July		
August		
September	I	Yellow
October		

III. Number of person were born after J as same as number of person were born before A, who is born after H.

IV. J is younger than A, who was born in the month of having 30 days and A likes magenta .

V. One person was born between H and B, who was born before A.

VI. F is younger than only but elder than G and E, who is the youngest person.

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January	B	
February	F	
March	H	Green
April	A	Magenta
May		
June		
July	J	
August		
September	I	Yellow
October	E	

VII. One who likes black was born before G, who likes Blue.

VIII. G and C, who likes pink, were born in the month of having 31 days and C is younger than G.

IX. Neither E nor D likes Brown and Black.

X. One who One who likes white is elder than one who likes black and one who likes Red is the youngest person.

Hence, final arrangement as follows:



Month	Person	Colour
January	B	White
February	F	Black
March	H	Green
April	A	Magenta
May	G	Blue
June	D	Violet
July	J	Brown
August	C	Pink
September	I	Yellow
October	E	Red





**D. How many person were born between G and A ?**

**A** Three

**B** Two

**C** Four

**D** One

**E** None

### **Solution**

January-31, February-28(If leap year 29), March-31, April-30, May-31, June-30, July-31, August-31, September-30, October-31, November-30, December-31

I. Five persons were born between H and I, who was born in the month of having 30 days and I likes yellow colour.

II. H is not the youngest person in the group and likes green colour.

Month	Person	Colour
January		
February		
March	H	Green
April		
May		
June		
July		
August		
September	I	Yellow
October		

III. Number of person were born after J as same as number of person were born before A, who is born after H.

IV. J is younger than A, who was born in the month of having 30 days and A likes magenta .

V. One person was born between H and B, who was born before A.

VI. F is younger than only but elder than G and E, who is the youngest person.

Month	Person	Colour
January	B	
February	F	
March	H	Green
April	A	Magenta
May		
June		
July	J	
August		
September	I	Yellow
October	E	

VII. One who likes black was born before G, who likes Blue.

VIII. G and C, who likes pink, were born in the month of having 31 days and C is younger than G.

IX. Neither E nor D likes Brown and Black.

X. One who likes white is elder than one who likes black and one who likes Red is the youngest person.

Hence, final arrangement as follows:

Month	Person	Colour
January	B	White
February	F	Black
March	H	Green
April	A	Magenta
May	G	Blue
June	D	Violet
July	J	Brown
August	C	Pink
September	I	Yellow
October	E	Red

E. Who likes Violet ?

A

D

B

J

C

F

D

B

E

None of these

Solution

January-31, February-28(If leap year 29), March-31, April-30, May-31, June-30, July-31, August-31, September-30, October-31, November-30, December-31

I. Five persons were born between H and I, who was born in the month of having 30 days and I likes yellow colour.

II. H is not the youngest person in the group and likes green colour.

Month	Person	Colour
January		
February		
March	H	Green
April		
May		
June		
July		
August		
September	I	Yellow
October		

III. Number of person were born after J as same as number of person were born before A, who is born after H.

IV. J is younger than A, who was born in the month of having 30 days and A likes magenta .

V. One person was born between H and B, who was born before A.

VI. F is younger than only but elder than G and E, who is the youngest person.

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January	B	
February	F	
March	H	Green
April	A	Magenta
May		
June		
July	J	
August		
September	I	Yellow
October	E	

VII. One who likes black was born before G, who likes Blue.

VIII. G and C, who likes pink, were born in the month of having 31 days and C is younger than G.

IX. Neither E nor D likes Brown and Black.

X. One who One who likes white is elder than one who likes black and one who likes Red is the youngest person.

Hence, final arrangement as follows:

Month	Person	Colour
January	B	White
February	F	Black
March	H	Green
April	A	Magenta
May	G	Blue
June	D	Violet
July	J	Brown
August	C	Pink
September	I	Yellow
October	E	Red

