Puzzle Test Questions for CLAT Exam

CLAT Reasoning Quiz 19

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

There are 7 books B1, B2, B3, B4, B5, B6, and B7 published in 7 different month January, February, March, April, June, August, and October. B1 is published in the month having less than 31 days but not in April. There are 3 books published between B1 and B3. B2 is published in one of the months after B4. No book is published between B2 and B4. B5 is published in one of the months before B7. B5 is not published in a month having maximum number of days. No book is published between B7 and B5.

1. Which book is published in the month of March?

A. B6

B. B7

C. B1

D. B3

2. Which book among the following is published between the months of June and October?

A. B4

B. B6

C. B7

D. B2

3. Which among the followings are published in the months with highest number of days?

A. B5, B6, B3 and B1

B. B6, B7, B4 and B3

C. B7, B6, B4 and B2

D. B3, B7, B4 and B2

4. Who among the following is published in the month of February?

A. B2

B. B4

C. B5

D. Either B6 or B3

5. Which of the following statements is true?

A. B1 is published in the month of October.

B. B3 is published between March and June.

C. B6 is published in a month after B2

D. None is true

Correct Answers:

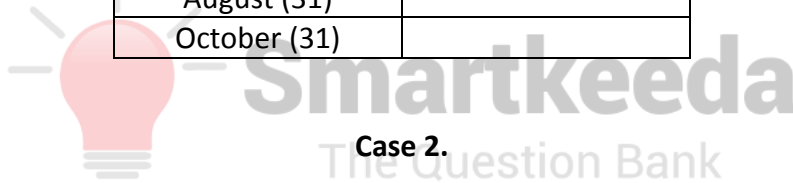| 1	2	3	4	5
B	A	D	C	D

Common Explanations:

Reference:

B1 is published in the month having less than 31 days but not in April.

Case 1.

Jan (31)	
Feb (28)	
March (31)	
April (30)	
June (30)	B1
August (31)	
October (31)	

Case 2.

Jan (31)	
Feb (28)	B1
March 31)	
April (30)	
June (30)	
August 31)	
October (31)	

Case 1.

There are 3 books published between B1 and B3.

Jan (31)	B3
Feb (28)	
March (31)	
April (30)	
June (30)	B1
August (31)	
October (31)	

Case 2.

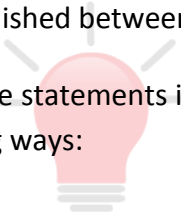|	
Jan (31)	
Feb (28)	B1
March (31)	
April (30)	
June (30)	
August (31)	B3
October (31)	

References:

B2 is published in one of the months after B4.

No book is published between B2 and B4.

B5 is published in one of the months before B7.

No book is published between B7 and B5.

Now, with these statements it's confirmed that B2 & B4 and B7 and B5 will always come in the following ways:

B4
B2
B5
B7

Further, if we observe we can find that these two pairs can't be placed together anywhere in case 2.

Moving on with case 1, we can have the following arrangement:

Jan (31)	B3
Feb (28)	B4/B5
March (31)	B2/B7/B4/B5
April (30)	B2/B7
June (30)	B1
August (31)	B4/B5
October (31)	B2/B7

B5 is not published in a month having maximum number of days.

Clearly, this statement eliminates maximum of the possibilities and we are left with the following arrangement:

Jan (31)	B3
Feb (28)	B5
March (31)	B7
April (30)	
June (30)	B1
August (31)	B4
October (31)	B2

And finally, we can place B6 in the vacant position.

Jan (31)	B3
Feb (28)	B5
March (31)	B7
April (30)	B6
June (30)	B1
August (31)	B4
October (31)	B2

And the chart gets done.

Answers:

1. Following the final table, we can observe that it's B7 which is published in the month of March.
Option B is hence the correct answer.

2. Clearly, B4 is published between the books published in June and October.
Option A is hence the correct answer.

3. The months with highest number of days are Jan, March, August and October and the persons born in these months are B3, B7, B4 and B2.
Option D is hence the correct answer.

4. As per the following table it's evident that B5 is published in the month of Feb.
Option C is hence the correct answer.

5. Following the final table, it's clear that none of the statements is correct.
Option D is hence the correct answer.