

- 1) In this all the consonants are replaced by the next alphabet and vowels remain same (like last one no <sup>similar</sup> logic)

S O N S

S  $\rightarrow$  T

O  $\rightarrow$  O (vowel)

N  $\rightarrow$  O

S  $\rightarrow$  T

TOOT (option B)

- 2) ~~various~~

- 3) The three letter are written in reverse order.

DIRECTION  $\rightarrow$  R I D T C E N O I

PRINCIPAL  $\rightarrow$  I R P I C N L A P

So option A.

- 4) In each of this, every alphabet is subtracted by its value of from 1-26 and then the alphabet corresponding to that has been replaced

JANUARY  
MTWTFSS

1 2 3 4 5 6  
7 8 9 10 11 12 13  
14 15 16 17 18 19 20  
21 22 23 24 25 26 27  
28 29 30 31

FEBRUARY  
MTWTFSS

1 2 3  
4 5 6 7 8 9 10  
11 12 13 14 15 16 17  
18 19 20 21 22 23 24  
25 26 27 28

MARCH  
MTWTFSS

1 2 3  
4 5 6 7 8 9 10  
11 12 13 14 15 16 17  
18 19 20 21 22 23 24  
25 26 27 28 29 30 31

APRIL  
MTWTFSS

1 2 3 4 5 6 7  
8 9 10 11 12 13 14  
15 16 17 18 19 20 21  
22 23 24 25 26 27 28  
29 30

MAY  
MTWTFSS

1 2 3 4 5  
6 7 8 9 10 11 12  
13 14 15 16 17 18 19  
20 21 22 23 24 25 26  
27 28 29 30 31

JUNE  
MTWTFSS

1 2  
3 4 5 6 7 8 9  
10 11 12 13 14 15 16  
17 18 19 20 21 22 23  
24 25 26 27 28 29 30

GEORGE → CARNCE

JOSEPH → FK OALD (option B)

5) In this case each alphabet <sup>value</sup> has been added with 2 and then the corresponding value has been replace

FAITHFUL → HCKVJHWN → option C

1) The series has  $16 \times 22 + \text{prime no.}$ . All the nos have a composite addition except + 359.  
 $359 = 16 \times 22 + 7$  <sub>prime</sub> so option D

2) All ~~was~~ prime nos starting from 11 out of all the options only 127 is prime so option C

3) There is 13 as alternate nos and in between the table of 3 the last table is  $3 \times 5$  so next should be  $3 \times 6$  so 18 option A.

JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
MTWTFSS	MTWTFSS	MTWTFSS	MTWTFSS	MTWTFSS	MTWTFSS
1 2 3 4 5 6 7	1 2 3 4	30 1	1 2 3 4 5 6	1 2 3	30 31
8 9 10 11 12 13 14	5 6 7 8 9 10 11	2 3 4 5 6 7 8	7 8 9 10 11 12 13	4 5 6 7 8 9 10	2 3 4 5 6 7 8
15 16 17 18 19 20 21	12 13 14 15 16 17 18	9 10 11 12 13 14 15	14 15 16 17 18 19 20	11 12 13 14 15 16 17	9 10 11 12 13 14 15
22 23 24 25 26 27 28	19 20 21 22 23 24 25	16 17 18 19 20 21 22	21 22 23 24 25 26 27	18 19 20 21 22 23 24	16 17 18 19 20 21 22
29 30 31	26 27 28 29 30 31	23 24 25 26 27 28 29	28 29 30 31	25 26 27 28 29 30	23 24 25 26 27 28 29



4) The series is a square of all prime nos the last being 13 so next prime no is 17 so square is

$$17^2 = 289 \text{ so } \underline{\text{option c}}$$

5) In this series you go on adding the series with the value of 2 starting from  $2 \times 2$

$$2 + 2 \times 2 = 6$$

$$6 + 2 \times 3 = 12$$

$$12 + 2 \times 8 = 28 \text{ so } \underline{\text{option A}}$$

#### JANUARY

MTWTFSS

1 2 3 4 5 6  
7 8 9 10 11 12 13  
14 15 16 17 18 19 20  
21 22 23 24 25 26 27  
28 29 30 31

#### FEBRUARY

MTWTFSS

1 2 3  
4 5 6 7 8 9 10  
11 12 13 14 15 16 17  
18 19 20 21 22 23 24  
25 26 27 28

#### MARCH

MTWTFSS

1 2 3  
4 5 6 7 8 9 10  
11 12 13 14 15 16 17  
18 19 20 21 22 23 24  
25 26 27 28 29 30 31

#### APRIL

MTWTFSS

1 2 3 4 5 6 7  
8 9 10 11 12 13 14  
15 16 17 18 19 20 21  
22 23 24 25 26 27 28  
29 30

#### MAY

MTWTFSS

1 2 3 4 5  
6 7 8 9 10 11 12  
13 14 15 16 17 18 19  
20 21 22 23 24 25 26  
27 28 29 30 31

#### JUNE

MTWTFSS

1 2  
3 4 5 6 7 8 9  
10 11 12 13 14 15 16  
17 18 19 20 21 22 23  
24 25 26 27 28 29 30