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18. (i) 2 is even. So, it is false.

(ii) $3(5) \neq 15$, 15 is not prime, Hence it is false.

(iii) $E + O = O$
$O + O = E$ ✓ Due to this this also.
false.

(iv) 0 ~~2~~ $3-2=1$. 1 is not even.
Hence it is ~~a~~ false.

19. (i) $p > 3$, $P/6$, R_2?

$5/6 \Rightarrow 5$, 1 or 5 (3).
$7/6 \Rightarrow 1$

(ii) $p > 3$, $P^2/6$, R_2?

3, 24
4, 18
5, 12
7,

1, 1, (1).

20. $72 = ?$ (1, 72) (2, 36) (3, 24) (4, 18) (6, 12) (8, 9). (4).

-2.

21. $a-4$, $a-2$ are all prime. $a > 4$
More than 3.

(5).

(5, 7) (11, 13) (17, 19) {41, 43}

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(22.) $p > 3$

R_2 ? $\dfrac{(p^2+17)}{12}$.

$1+5 \Rightarrow 6$ (2)

(23.) R, q are prime No. $p, q > 3$.

Doubt (B) $(p-q)^2$

$(p-q)(p+q)$

Even Even.

$4 \times 3 = 12$.

5, 7, 12

~~2 2 3 2~~

(C)

(24.) $n^3 - 1$. =

$p + 1 = n^3$.

odd odd. $\Rightarrow$ Even (2)

[7, 2] ?

(25.) $9 - 4 \times 5$.

16 9 2 7

Doubt