



DELHI PUBLIC SCHOOL

DATE 12/12/18

NAME Nitesh Nehalani CLASS/SEC. VIII/C

ROLL NO. 27

SUBJECT Maths

INVIGILATOR'S SIGNATURE

Section - A

Q-1 $12a - 7ab + 5b - 3$
 $4a - 7ab + 3b + 12$
 $(-)$ $(+)$ $(-)$ $(-)$
 $8a - 2ab + 2b - 15$ Ans

(1)

26/30

Ans

Ans

Q-2 $15xy - 6x + 5y - 2$

$15xy + 5y - 6x - 2$
 $5y(3x+1) - 2(3x+1)$

(1)

(3)

$(5y-2)(3x+1)$ Ans

Q-3 The side of the cube whose surface area is $600 \text{ cm}^2 = 6a^2 =$

$a^2 = \frac{600}{6} = 100$

(1)

$a^2 = 100$

$a = 10$ Ans

Section - B

Q-4 102×105

$= (100+2)(100+5)$

$= (100)^2 + (2+5)100 + (10)$

$= 10000 + 700 + 10 = 10710$ Ans

(4)

(2)