

DELHI PUBLIC SCHOOL, R.K. PURAM, NEW DELHI-110022

Roll No. 10

Name Dia Dutt Class 10

Invigilator's Signature [Signature]



Date 09-09-19 Mid-Term Examination

Section D

Paper Mathematics

No. of Continuation Sheet attached 2

Question No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Total	Marks Obtained	
Marks Obtained																							76/80
Question No.	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	Total	Examiner's Sign.	
Marks Obtained																							[Signature]

Start writing immediately below the line and Use both sides of Paper.

Use for

Question No. and its part

Section A

For Rough Work

18
3
54

Q.1 HCF \times LCM = Product of Numbers

$$\therefore 18 \times 3780 = 540 \times x$$

$$\frac{18 \times 3780}{540} = x$$

$$126$$

$$\frac{378}{31}$$

$$126$$

$$126 = x$$

The other number is 126.

Q.2 $a_1 = \sqrt{8} = 2\sqrt{2}$

$$a_2 = 9\sqrt{2} - 2\sqrt{2} = 7\sqrt{2}$$