

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

Roll No. 11Name Dia Dutt Class 9Date 25-02-19 Math Final (2018-19) ExaminationSection D Paper MathematicsInvigilator's Signature [Signature]No. of Continuation Sheet attached 1

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																							<u>78/80</u>
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																							<u>[Signature]</u>

Use for  
Question No.  
and its part

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

For  
Rough Work

## Section - A

1.  $P(E) = 0.65$   
 $P(E) + P(\text{not } E) = 1$   
 $\therefore P(\text{not } E) = 1 - 0.65$   
 $= 0.35$

2. Graph of equation  $y = 2$  is a line parallel  
to the x axis.

3.  $3, 4, 5, 5, 5, 6, 6, 8, 9, 9, 9, (x+1)$   
 The mode of the data is 9.  
 $\therefore x+1 = 9$   
 $x = 8$

So, mode becomes 9 (4 times).