

Ex. 13.1

⑨

class	frequency	cf
65 - 85	4	4
85 - 105	5	9
105 - 125	13	22
125 - 145	f 20 f'	42
145 - 165	14	56
165 - 185	7	63
185 - 205	4	67
total	.67	

Modal class 125 - 145  
 $l = 125$

$\frac{N}{2} = \frac{67}{2} = 33.5$  Median class 125 - 145  
 upper limit 145

required difference 145 - 125  
 = 20 (C)

⑩ required number = 2 + 4 + 5 + 71  
 = 82 (C)

⑪

Marks	no. of students
0 - 10	5
10 - 20	3
20 - 30	4
30 - 40	③ (A)