

	A	B	C	D	E	F	G	H	I	J	K	L
1	Q.No.5											
2	Solution,											
3		C.I.	f	LCB	UCB	Cf	h					
4		Below 10	9	Below 9.5		9						
5		10-15	20	9.5	15.5	29	6					
6		16-19	35	15.5	19.5	64	4					
7		20-24	40	19.5	24.5	104	5					
8		25-29	24	24.5	29.5	128	5					
9		Above 29	12	Above 29.5		140						
10			140									
11												
12		Measure	Position	Formula	Value	Formula						
13		Median	70	$=(C10/2)$	20.25	$=D7+(C13-F6)/C7*G7$						
14		Q₃	105	$=3*C10/4$	24.70833	$=D8+(C14-F7)/C8*G8$						
15		Q₁	35	$=C10/4$	16.18571	$=D6+(C15-F5)/C6*G6$						
16		QD			4.26131	$=(E14-E15)/2$						
17		S_{KB}			0.046236	$=(E14+E15-2*E13)/(E14-E15)$	which is positive skeweness					
18												
19		Cell	Formula									
20		F5	$=(F4+C5)$									
21		G5	$=E5-D5$									
22												
23	Q.NO.6											
24	Solution,											
25		10	50	70	80	90	55	65	70	85	90	15
26		40	35	25	20	5	75	45				
27												
28		Measure	Value	Formula								
29		Q ₁	27.5	$=QUARTILE(B25:L26,1)$								
30		S	5	$=MIN(B25:L26)$								
31		Md	52.5	$=MEDIAN(B25:L26)$								
32		L	90	$=MAX(B25:L26)$								
33		Q ₃	73.75	$=QUARTILE(B25:L26,3)$								
34												
35												
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