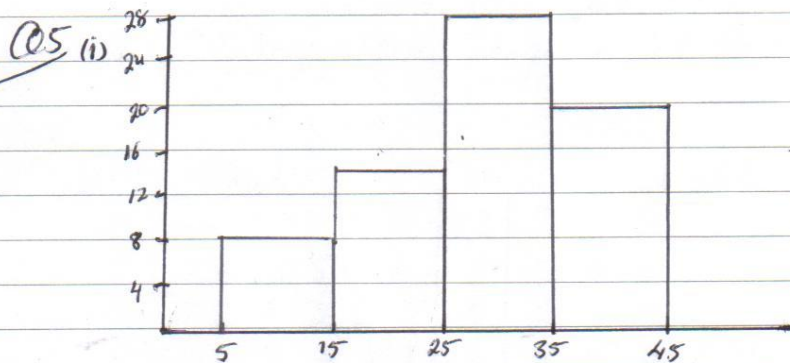


Histograms ex 2.7

- Q2
- (i) 10 people
 - (ii) Modal = 40-50 yrs
 - (iii) $2 + 4 + 6 = 12$ people
 - (iv) Total = $2 + 4 + 6 + 10 + 17 + 12 + 6 + 3 = 60$ people
 - (v) 50-60 yrs
 - (vi) Median in 40-50 yrs

- Q4
- (i) $10 + 9 = 19$ pupils
 - (ii) $8 + 12 + 15 + 10 + 9 = 54$ pupils
 - (iii) Modal = 10-15 sec
 - (iv) Median in 10-15 sec
 - (v) $8 + 12 = 20$ pupils
 - (vi) $8 + 12 = 20$ pupils



- (ii) Modal = 25-35 mins
- (iii) Median = 25-35 mins
- (iv) 20% of 70 = 14 \Rightarrow 15-25 mins
- (v) $28 + 20 = 48$ people
- (vi) $\frac{(10)(8) + (20)(14) + (30)(28) + (40)(20)}{8 + 14 + 28 + 20} = \frac{2000}{70} = 28.57 = 29$ mins