## Assignment 1

Amil(a) Mean = Ex = 1159+1214+1190+1139+1139

N = 5891 N = 117082

Median = (n+1) the term = 25th + 26th = 117.5

117+118 =

Mode = 128, 97, 112, 124, 13)

b) Range = 150-88 = 62 Varience = 220082 SD = 140 860

e) 9 # ±5=117.51 ± 15.01 = (102.8, 132.9) 9+23= 117.31+2(15.01) 5 (87.79,147.8) 4 \$ 35=117.81 \$3(15.01)= (728,162.9) 31 Water le in Raige 4 ± 3. 49 values lies in large 9 + 25 50 Valus lies in larg y + 31 () (1 = (n+1) = (n+1) = 51 = 12.75 toth stg Gas Me Lian 317 15 Q3 = 3 (n+1) = 38.75 × 38.75 × 39 = 131 Min = 55 Max = 150 (109) 117.5 180 Mendia

austran 2:

(a) Mean : \( \tau = \( \tau \) = 653+654+678+981

n = 67.41

b) Median = 70

27, 40,42,43,43,47,50,51,55,55,57,60,63, 63,64,65,67,68,68,68,69,71,72,73,74,75 75,76,77,7317,78,78,79,80,8,82,83, 86, 88,95,96,97

Mode: 68,77

(c) large! 97.27 = 70
(d) Variane!  $E(x-x)^2 =$ 

(27-7,41)2+(40-67,4)2, ...+ (97=64.4)2

6 = 260.78

- (e) standard Pewation = Variance 6 = 16.14
  - marks > 67,41+ 2(16,14)

    marks > 9 99.69

    values in this range = 0
    - B = 83.078 × marks × 99.92.

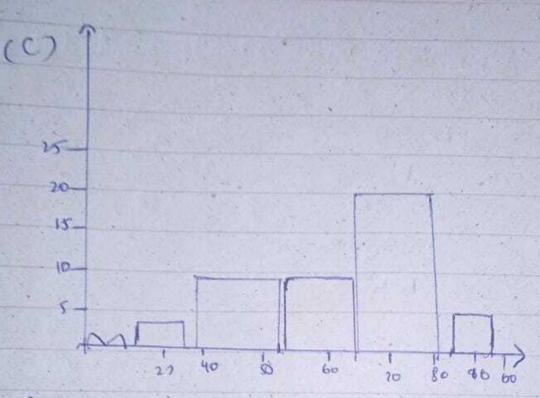
      Values = 86,88,915,96,97
- C= 67.14 2 ments < 83.78

  Values = 68, 68,68,69,71,72,73,74,75,75,

  76,77,77,77,85,18,79,80,

  82,82,83
- P = 5105 < marks L67.14 Valous = 55, 56,63,63,64,65,67
- E = 35036 \( \text{ membs} \( \lambda \) \( \lambda \) \\
  \text{Values} \( \lambda \) \( \lambda \) \( \lambda \) \( \lambda \) \\
  \text{F} = 19.22 \( \text{ months} \) \( 235.36 \)
  \text{Values} \( \lambda \) \( \lambda \) \( \lambda \) \\
  \text{Values} \( \lambda \) \( \lambda \) \( \lambda \)

Studentio 20



Pie Chart

Sector 1; 20 Lx L 30 = 1 value.

Sector 2; 30 Lx L 40 = Q value.

Sector 3; 400x L 50 = 6 value

Sector 4; 50 Lx L 60 = 5 value

Sector 6; 70 Lx L 10 = 10 value

Sector 6; 70 Lx L 80 = 13 value

Sector 7; 80 Lx L 90 = 6 value

Sector 7; 80 Lx L 90 = 6 value

Sector 7; 80 Lx L 90 = 6 value.

Sector 1:8.2°

Sector 2:0°

Sector 3:49.1°

Sector 4:40.9°

Sector 5:81.8°

Sector 6:106.4°

Sector 7:49.1°

Sector 7:49.1°

