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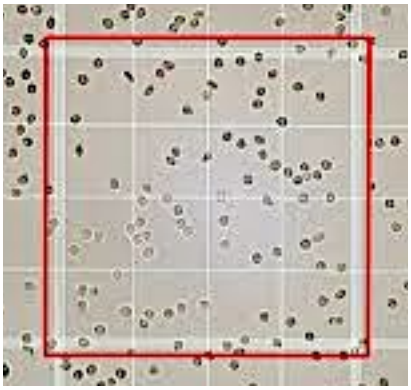
**BCH 471**

# Answer

**Q1- Calculate the total RBC number manually in one of the 5 large squares, knowing that 86, 80, 55, and 96 cells are found in the rest of the large squares:**

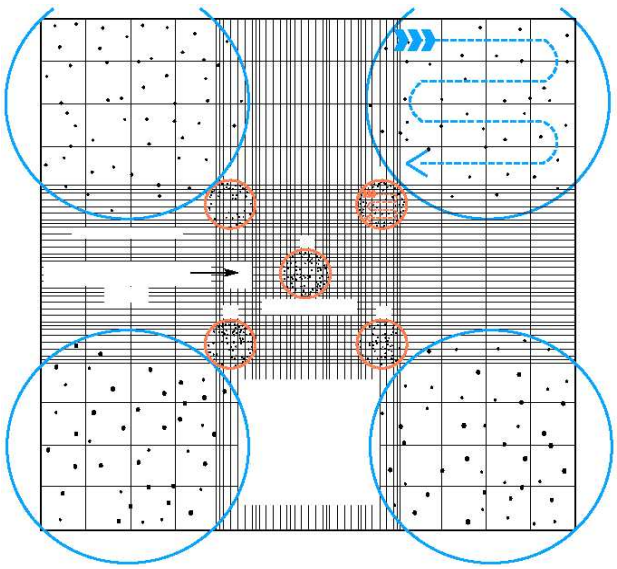


The sum of RBC in 5 large square = 86+80 +55+96+ 81= 398 cells

The average of RBC in one square = 398 /80 = 5 cells

RBC count = 5 x 200 x 4000= 4 million cells\mm$^3$

**Q2- Calculate the total WBC number manually in all 4 squares:**



The sum of WBC in 4 large square = 32 + 41 +40+ 40 =153 cells

The average of WBC in one square = 153/64= 2.4 cells

WBC count = 2.4 x 20 x160 = 7550 cells\mm$^3$