

Answer on Question #70840 – Math – Statistics and Probability

Question

QUESTION 3/SOALAN 3

Table 2: Mathematics Score/Jadual 2: Skor Matematik

27 37 30 28 39 25 45 28

32 28 26 38 31 30 47 41

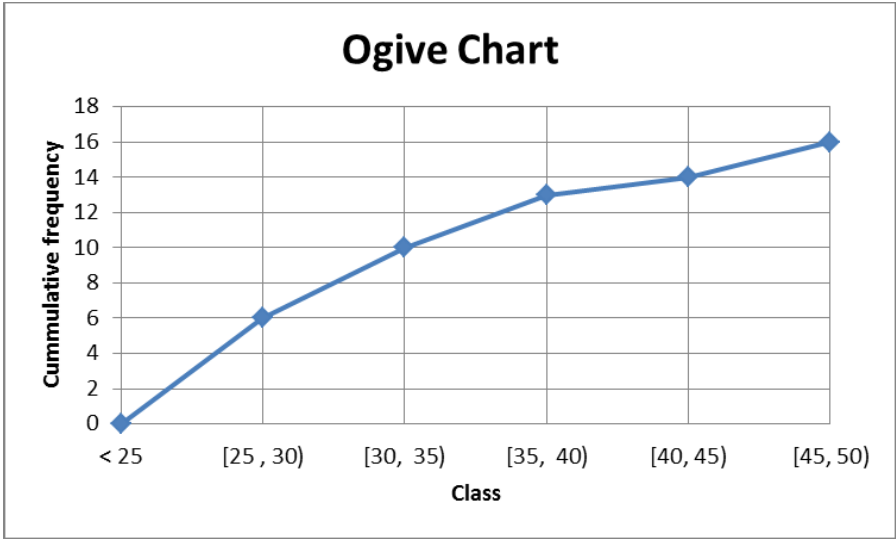
- a) Based on Table 2, organize the data into a frequency distribution by taking 25 as the lower limit of the first class and 5 as the class width.
- b) Construct a “less than or equal” ogive for the frequency distribution established in (a) and then approximate the number of candidates who scores below 35.

Solution

a)

<i>Class</i>	<i>Frequency</i>
[25 , 30)	6
[30, 35)	4
[35, 40)	3
[40, 45)	1
[45, 50)	2

b)



The number of candidates who scores below 35 is 10.