2019 AP* STATISTICS FREE-RESPONSE QUESTIONS

STATISTICS SECTION II

Part A

Questions 1-5

Spend about 1 hour and 5 minutes on this part of the exam.

Percent of Section II score-75

Directions: Show all your work. Indicate clearly the methods you use, because you will be scored on the correctness of your methods as well as on the accuracy and completeness of your results and explanations.

 The sizes, in square feet, of the 20 rooms in a student residence hall at a certain university are summarized in the following histogram.



- (a) Based on the histogram, write a few sentences describing the distribution of room size in the residence half.
- (b) Summary statistics for the sizes are given in the following table.

Mican	Standard Deviation	Min	QI	Median	Q3	Max
231.4	68.12	1.3-4	174	253.5	292	315

(a) The spread is about (350-100) = 250 Ft²

The distribution is roughly be model and account approximately symptom. The medium is around 250. The made in the max is a process of a count of the max is a count of the ma

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Michael Rajnik

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