

يعلن الأستاذ- أسامه رياض عن بدء كورس احص 101 علمي ويشتمل على:

1 - شرح كافة الدروس بالتفصيل

2- حل وشرح الواجبات

3- حل تجميعات اختبارات سابقة

4- مراجعة شامله للميد

5- أسعار مناسبه لجميع الطلاب

الكورس اما حضوري أو أونلاين

للتسجيل التواصل علي جوال-واتس : 0542492265

Question (1): Let 7, 5, 3, 1, 5, 4, 5, 9, 3, 8 be data of a sample, then:

a) Calculate the mean for the given data.

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b) Calculate the median for the given data.

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c) How much of modes we have in the given data, and then determine them.

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d) if the variance of the given data is $S = 6.19$, then then calculate the standard score for the value 7.

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e) Calculate Q_1 , Q_3 and HF for the given data.

For Q_1 :

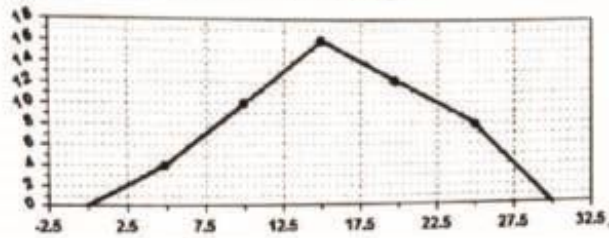
For Q_3 :

For HF :

f) Construct the box plot for the given data.

(8 marks)

Question 5: Consider data given by the following frequency polygon:



Then:

a) Complete the following frequency distribution table for the above polygon.

Class Limit	Class Boundaries	Midpoint	Frequency	Relative Frequency	Ascending Cumulative Frequency (ACF)
Sum					

b) Calculate the mean for the data of above frequency distribution table.

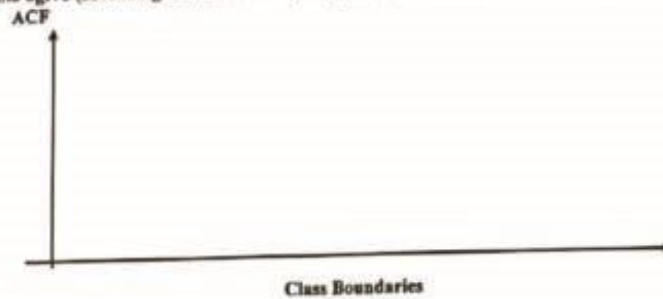
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c) Calculate the range of data for the above frequency distribution table.

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d) Draw the ogive (ascending cumulative frequency polygon) of the above frequency distribution table.



(8 marks)

Question 5: Consider data given by the following frequency distribution table:

Class Limit	Class Boundaries	Midpoint	Frequency	Relative Frequency	Percentage Frequency	ACF
2 - 6			6			
	6.5 → 11.5			0.24		
		14			18 %	
	16.5 → 21.5					42
22 - 26			8			
Sum			50			

Then:

a) Complete the above frequency distribution table.

b) How many mode have the data of the above frequency distribution table? And why?

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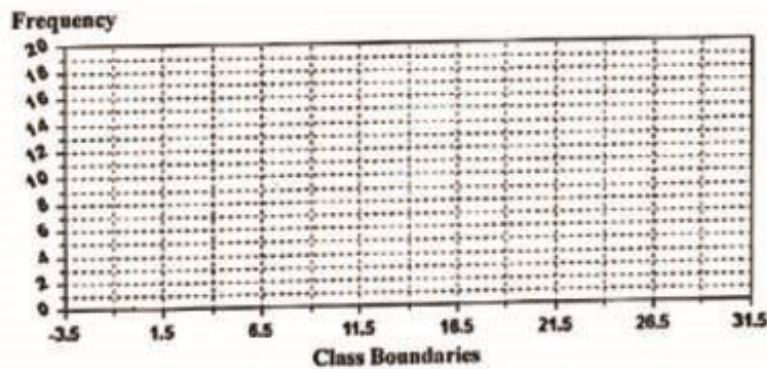
c) Calculate the mode(s) for the data of above frequency distribution table.

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d) Calculate the range of data for the above frequency distribution table.

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e) Draw the polygon of the above frequency distribution table.



3

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consider the following data:

B A A B C A B A C A B C D C B
C D A A D C B A C B D C D B B

a) Complete the frequency table for the above data.

Grade	Frequency	Relative Frequency	Percentage
A			
B			
C			
D			
Sum			

a) Draw the bar graph for the given data.



4

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