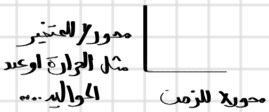
1- The line graph :-

يستخدم لدراسة تغير قيمة معينة عبر الزمن



.Family income over a year can be represented the best by:

a. Bar chart
b. Histogram
c. Line graph
d. Frequency polygon

Answer: c. Line graph

27. The best graphical representation of the COVID- 19 in Jordan in the past 5 months is:

a. Line graph
b. Histogram
c. Frequency polygon
d. Pie chart
e. Bar graph

Answer: A. Line graph

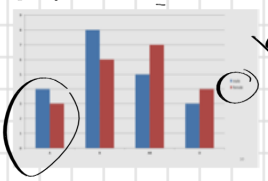
2- The Bar chart :-

الاعمدة

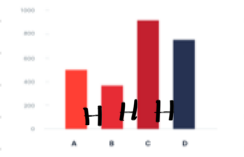
البيانات يكون نوع qualitative and quantitative discreet

يفضل محور

Complex table في



key



يتم نفس الخرق ونفس الفراغ

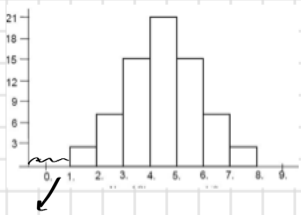
2. Bar charts are suitable for representing data of the following subtype(s) exclusively:

a. Qualitative data
b. Quantitative data
c. Qualitative and quantitative discrete data
d. Qualitative and quantitative continuous data

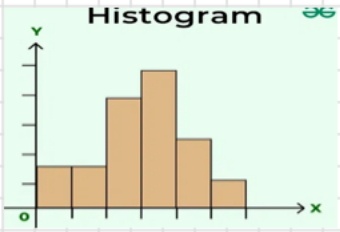
Answer: c. Qualitative and quantitative discrete data

3- The histogram :-

يفضل لمحور Continuous quantitative variable



Scale break



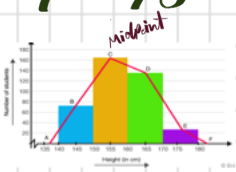
x no space between the consecutive columns

. The type of data best represented by histograms is:

a. Continuous
b. Discrete
c. Nominal
d. Ordinal

Answer: a. Continuous

4- Frequency Polygon → Continuous quantitative and the table is of simple or complex type



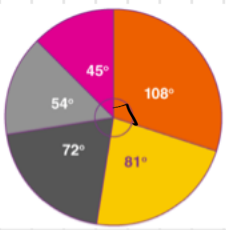
midpoint هو نقطة تجمع كل منتصف

28. Linear representation of frequency distribution by joining the midpoint of class intervals is:

a. Bar chart
b. Frequency distribution table
c. Pie chart
d. Frequency polygon
e. Histogram

Answer: D. Frequency polygon

5- The piechart :- → All of the the 4 types of variables



يستخدم بائرة

$$\text{Angle} = \frac{\text{frequency of the category of interval}}{\text{Total frequency}} \times 360$$

3. Pie chart is consistent with all of the following except:

a. It is used to represent quantitative data only
b. It displays data as percentages
c. "pie" comes from the name of each divided sector
d. It can only represent one variable at a time

Answer: a. It is used to represent quantitative data only