

What data is normally displayed on a bar chart? - *CORRECT ANSWERS* - Continuous data. You need to make sure its a smooth curve of best fit, and that the curve goes through or near most of the points.

What are bar charts used for? - *CORRECT ANSWERS* - They are used for discrete data but can be used to compare different sets of data.

What is the Pattern on the graph? - *CORRECT ANSWERS* - The shape of the graph. It is the line that goes up as time goes by but eventually levels off

What is the trend on a graph? - *CORRECT ANSWERS* - The relationship between factors on the graph or in the table. The full trend is that the volume increases as the time increases but then levels off after a certain amount of time.

What is the sample size? - *CORRECT ANSWERS* - The number of people sampled in the investigation. To be confident in your conclusions you need a large sample size to give strong evidence.

What is Primary data? - *CORRECT ANSWERS* - This is the data that you have gathered for yourself through the experiments or investigations .

What is secondary data? - *CORRECT ANSWERS* - The data that you get in books, scientific papers or the internet. You should compare your primary and secondary data to draw a conclusion

What is an enzyme? - *CORRECT ANSWERS* - A protein molecule that acts as a catalyst in a biochemical reaction.

What are proteins made up of? - *CORRECT ANSWERS* - amino acids

What four chemical groups are attached to the central (alpha) carbon? - *CORRECT ANSWERS* - A hydrogen atom. A amino acid. A carboxyl group. A variable R group (side chain).

How many different R groups are there? - *CORRECT ANSWERS* - There are 20 different R groups which means there are 20 different amino acids.

What are amino acids linked together by? - *CORRECT ANSWERS* - Peptide Bonds.

What does a condensation reaction occur between? - *CORRECT ANSWERS* - Two amino acids.

What is produced in a condensation reaction? - *CORRECT ANSWERS* - Water.

What is a dipeptide formed by? - *CORRECT ANSWERS* - Two amino acids linked by a peptide bond.

What do three amino acids form? - *CORRECT ANSWERS* - A tripeptide

What are the properties of liquids? - *CORRECT ANSWERS* - They take shape of a container, they flow and move randomly. They cannot be compressed or squashed.

What are the properties of gases? - *CORRECT ANSWERS* - They completely fill container and they can flow and move randomly. They can be compressed or squashed.

Where can diffusion happen within? - *CORRECT ANSWERS* - A mixture of liquids, a mixture of gases, and a mixture of liquids and gases.

How do humans improve the growth of crops? - *CORRECT ANSWERS* - They correct soil pH, optimum watering. Correct nutrients present

How can humans have a negative effect on plant growth? - *CORRECT ANSWERS* - Trampling. Picking wildflowers. Removing hedges/tress.

How can humans have an effect of the distribution of plants? - *CORRECT ANSWERS* - Sowing crops means field with only one type of plant. Trampling can cause unusual or more widespread distribution patterns due to seeds being carried on the bottom of shoes.

What pH do plants grow best at - *CORRECT ANSWERS* - Between 4.5 and 7.5

What does acidic soil mean? - *CORRECT ANSWERS* - It can mean that there is a deficiency in necessary minerals, such as iron and manganese.