

These organisms have prokaryotic cell.

Their cells have false nucleus.

Their cells have 70s ribosomes.

Money a Kingdom can be divided into 2 sub-kingdoms

(1) Archaeobacteria

(2) Eubacteria

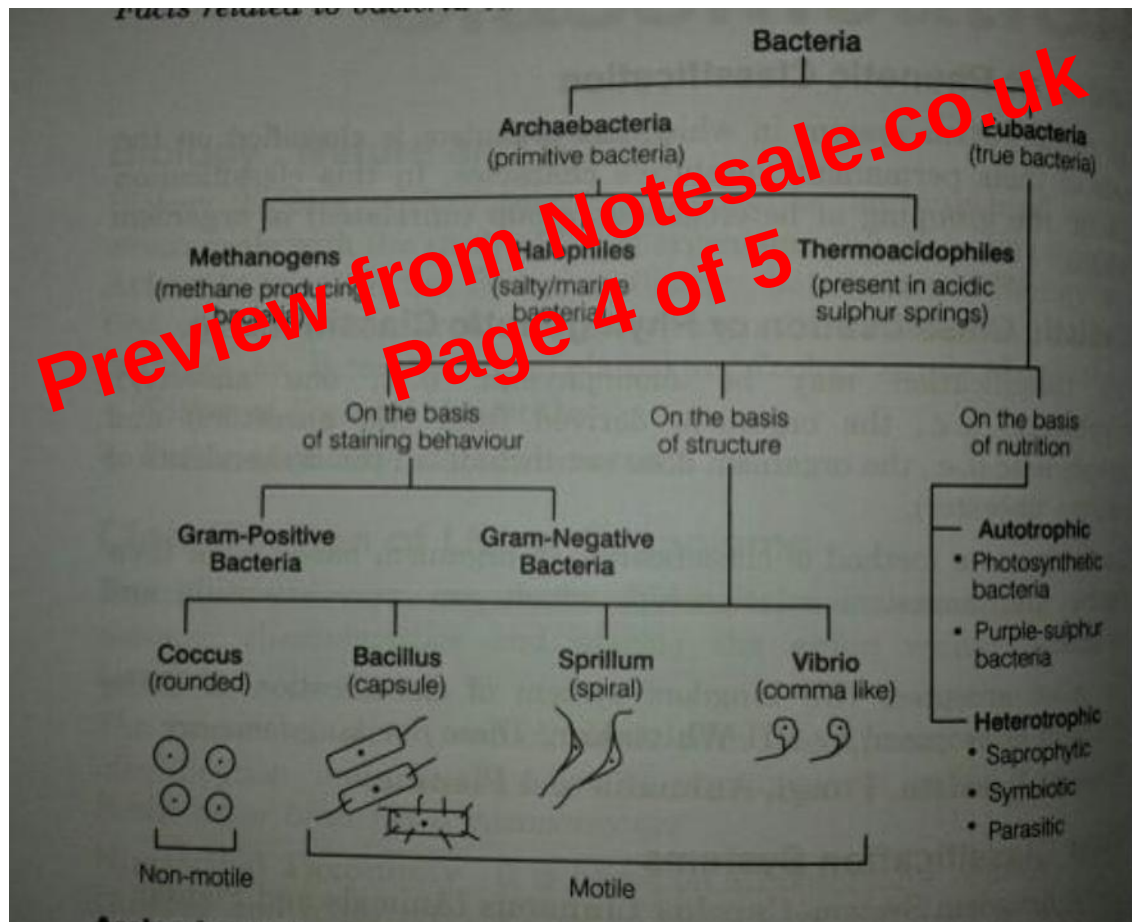
(1) Archaeobacteria - These are more ancient organisms. Most Archaeobacteria are autotrophs but only few can photosynthesize and other get energy from oxidation of chemical resources.

Archaeobacteria are divided into 3 groups:-

(1) Methanogens - These Archaeobacteria manufacture methane as a result of their metabolic activities. These organisms die in presence of oxygen. They are found in swamps and marshes where oxygen is absent.

(2) Thermoacidophiles - These organisms use hydrogen sulphide as their energy source and are found in the hot and acidic environment.

(3) Halophiles - These are found in salty environment.



EUBACTERIA

These are true bacteria which lack nucleus and membrane bound organelles.

Their cell wall is made up of peptidoglycan.

They have mesosome for respiration.