

	in protein synthesis.	
14) Flagella	Simple and composed of flagellin protein	Complex 9+2 structure of tubulin and other protein
15) Respiration	Anaerobic respiration	Aerobic respiration but some facultative anaerobes present
16) Photosynthetic enzymes	Bound to plasma membrane as composite chromatophores	Enzymes packed in plastids bound by membrane
17) Sexual system	Transformation, transduction or conjugation	Both sexes involve in sexual participation.
18) Cell division	Does not show distinction between interphase and M phase	Distinction present between phases.
19) Duration of cell cycle	Cell cycle is short and takes 20-60 minutes to complete.	Duration is long and takes 12-24 hrs to complete.
20) Pili and Fimbriae	Present	Absent
21) Cyclosis or cytoplasmic streaming	Absent	Common
22) Transcription	Occur in cytoplasm	Occur inside nucleus

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Structure of prokaryotic cell

