Name: Bell Ringer Date:

1. Match the structures and functions and label the diagram!

|  |  |
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| \_\_\_\_ Ribosomes  | A - Small, independently replicating, transferable circular DNA |
| \_\_\_\_ Plasmid  | B - 'Jelly' that makes up the cell interior – where metabolism takes place |
| \_\_\_\_ Cytoplasm  | C - Thick non-protein layer surrounding the cell |
| \_\_\_\_ Plasma membrane | D - Contains the cytoplasm, determines what goes in and out of the cell |
| \_\_\_\_ Endospore | E - Maintains the shape of the cell – structural support |
| \_\_\_\_ Capsule | F - Protein synthesis |
| \_\_\_\_ Pili | G - Attachment to solid surfaces, transfer of DNA from one cell to another and cell-cell adhesion |
| \_\_\_\_ Cell wall  | H - A free floating chromosome of DNA |
| \_\_\_\_ Flagella  | I - Tough coated structure which contains a full bacterial chromosome |
| \_\_\_\_ Nucleoid  | J - Used for movement |

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1. What is the important p-word for the material that makes up the cell wall of bacteria?

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