

|                                   |                                    |              |                  |                    |
|-----------------------------------|------------------------------------|--------------|------------------|--------------------|
| <b>B</b>                          | <b>I</b>                           | <b>N</b>     | <b>G</b>         | <b>O</b>           |
| Rough<br>endoplasmic<br>reticulum | Animal<br>Cell                     | DNA          | Plants           | Nucleolus          |
| Chloroplast                       | Ribosomes                          | Organelles   | Animals          | Plant<br>Cell      |
| Proteins                          | Smooth<br>endoplasmic<br>reticulum | <b>FREE</b>  | Cell<br>membrane | Golgi<br>apparatus |
| Lysosomes                         | Prokaryotic                        | Mitochondria | Eukaryotic       | Nucleus            |
| Energy                            | Cell wall                          | Organism     | Vacuoles         | Cytoplasm          |

|                                    |                  |                                   |                    |                |
|------------------------------------|------------------|-----------------------------------|--------------------|----------------|
| <b>B</b>                           | <b>I</b>         | <b>N</b>                          | <b>G</b>           | <b>O</b>       |
| Smooth<br>endoplasmic<br>reticulum | Animals          | Plants                            | Chloroplast        | Organelles     |
| DNA                                | Vacuoles         | Nucleolus                         | Cell wall          | Plant<br>Cell  |
| Lysosomes                          | Cell<br>membrane | <b>FREE</b>                       | Golgi<br>apparatus | Animal<br>Cell |
| Eukaryotic                         | Organism         | Rough<br>endoplasmic<br>reticulum | Cytoplasm          | Prokaryotic    |
| Mitochondria                       | Nucleus          | Proteins                          | Ribosomes          | Energy         |

|                              |             |              |             |               |
|------------------------------|-------------|--------------|-------------|---------------|
| <b>B</b>                     | <b>I</b>    | <b>N</b>     | <b>G</b>    | <b>O</b>      |
| Cell wall                    | Organism    | Animals      | Nucleus     | Cell membrane |
| Rough endoplasmic reticulum  | Lysosomes   | Mitochondria | Ribosomes   | Nucleolus     |
| Proteins                     | Cytoplasm   | <b>FREE</b>  | Prokaryotic | Eukaryotic    |
| Smooth endoplasmic reticulum | Plant Cell  | Plants       | Vacuoles    | DNA           |
| Golgi apparatus              | Animal Cell | Organelles   | Chloroplast | Energy        |