**Written Questions**

1. Hair-like protein structures, that allow bacteria to attach to things.
   
   **ANSWER:** Pili

2. The archetypal bacterium.
   
   A rod shaped gram-negative bacillus.
   
   **ANSWER:** Escherichia coli (E. coli)

3. Organelles made of protein and RNA that direct protein synthesis.
   
   **ANSWER:** Ribosomes

4. A dense region of DNA in a prokaryotic cell.
   
   **ANSWER:** Nucleoid

**Multiple Choice Questions**

1. A single-celled organism without a nucleus or membrane-bound organelles.
   
   a. Nucleoid
   b. Ribosomes
   c. Pili
   d. **CORRECT:** Prokaryote

2. A rigid non-cellulose structure that surrounds cells of bacteria.
   
   a. Cytoplasm
   b. Cell
   c. **CORRECT:** Cell wall

3. A phospholipid bilayer that surrounds the cell.
   
   a. Flagella
   b. Prokaryote
   c. **CORRECT:** Plasma membrane

**3 True/False Questions**

1. Cell → The basic structural and functional unit of all organisms.
   
   This is true.

2. Cytoplasm → The basic structural and functional unit of all organisms.
   
   This is false.
   
   It should be **Cytoplasm** → The gel like fluid inside the cell membrane where the reactions of metabolism occur.

3. Flagella → The basic structural and functional unit of all organisms.
   
   This is false.
   
   It should be **Flagella** → Long, thin, whip-like structures, made from the protein flagellin, that enable movement.