

**1<sup>st</sup> Periodical**  
**Dr. SSBUI CET**  
**BE(FT) 2<sup>nd</sup> year**  
**Elements of Bio and Food Science**

**Marks: 17.5**

**Time: 1h**

- Q1. What is cell theory? Explain different phases of mitosis. (5)
- Q2. Differentiate between gram positive and gram negative bacterial cell wall. (5)
- Q3. Write the principle of electron microscope. (5)
- Q4. What are the nutritional requirements of bacteria? (2.5)