**Cell cycle** –

**Mitosis** –

**Cytokinesis** -

**Daughter cells** -

**Chromosome**

**Unreplicated chromosome**

**Replicated chromosome**

**Chromatin**

**(Sister) Chromatid**

**Centromere**

**Synthesis**

**G1**

**S phase** –

**G2**–

**Interphase**

**Prophase**

**Metaphase**

**Anaphase**

**Telephase**

**Prophase I**

**Metaphase I**

**Anaphase I**

**Telephase I**

**Prophase II**

**Metaphase II**

**Anaphase II**

**Telephase II**

**Nuclear envelope (membrane)**

**Centrioles**

**Spindle fibers**

**Cleavage furrow**

**Cell plate**

**Synapsis**

**Tetrad**

**Crossing over**

**Homologous chromosome**

**Haploid**

**Diploid**

**Nondisjunction**