**GLYCOGEN, GLUCONEOGENESIS**

**Combination 1**

1. Glycogen - structure and function

2. Reactions of gluconeogenesis

**Combination 2**

1. Glycogenesis

2. Cori's cycle

**Combination 3**

1. Glycogen synthase

2. Glucose-alanine cycle and Cori's cycle

**Combination 4**

1. Glycogenolysis

2. Substrates of gluconeogenesis

**Combination 5**

1. von Gierke Disease

2. Gluconeogenesis - importance and hormonal regulation

**Combination 6**

1. Allosteric regulation of glycogenesis and glycogenolysis

2. Gluconeogenesis reactions

**Combination 7**

1. Hormonal control of glycogenesis and glycogenolysis

2. Substrates of gluconeogenesis

**Combination 8**

1. Gluconeogenesis

2. Reactions of glycogenesis

**Combination 9**

1. Conversion of pyruvate to phosphoenol pyruvate

2. Glucose-alanine cycle

**Combination 10**

1. Substrates of gluconeogenesis

2. Epinefrine, Glucagon and Cortisol effects on Glycogen metabolism