

## Clinical Biochemistry II

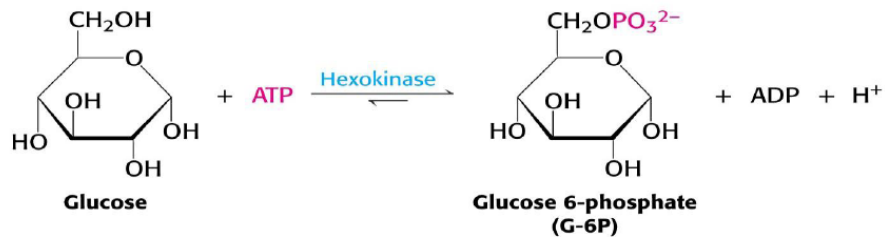
### Quiz (1)

الرقم الجامعي:

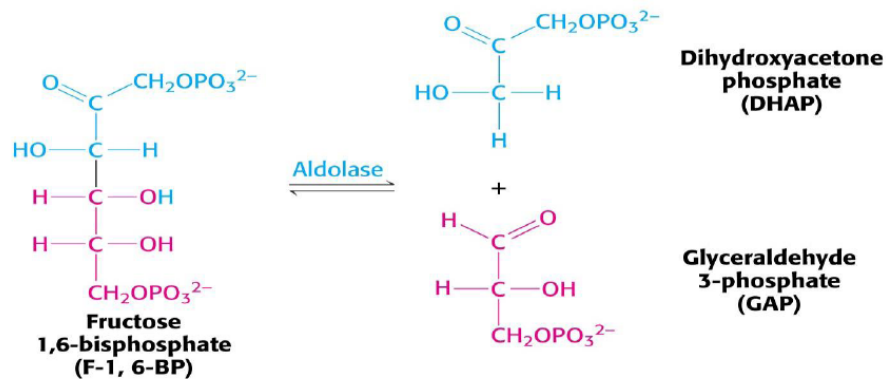
الاسم:

#### Complete the following:

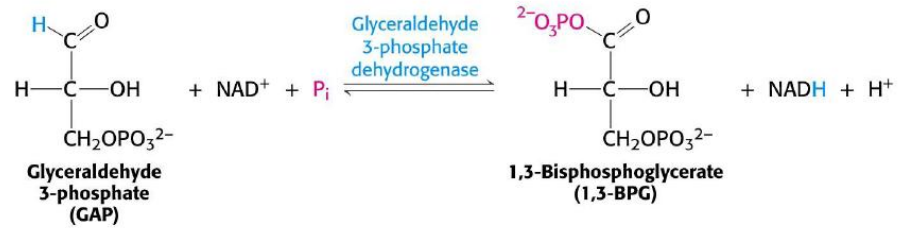
- 1- ATP is the energy **currency** of cells.
- 2- Among macromolecules in the living system are **lipids, proteins, carbohydrates and nucleic acids**.
- 3- All the glycolytic reactions are reversible except **three** Steps.
- 4- Glucose is a monomer of carbohydrate while **amino acid** is a monomer of protein.
- 5-



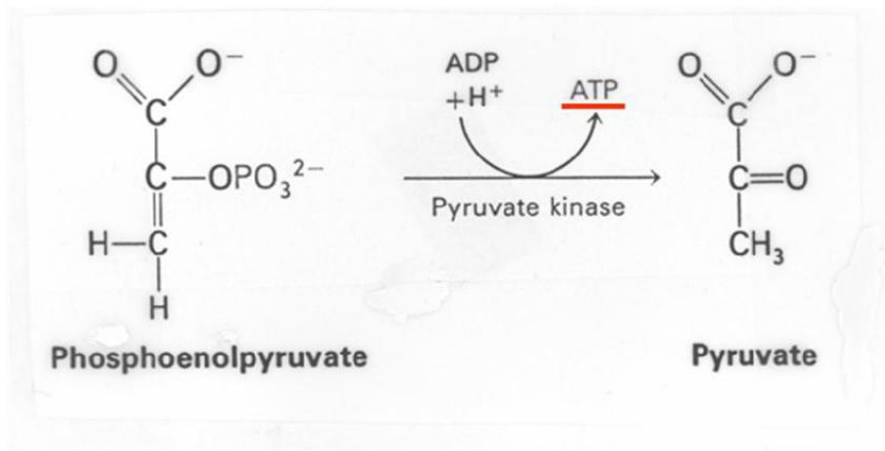
6-



7-



8-



9- Oxidation of Pyruvate to Acetyl CoA and CO<sub>2</sub> catalyzed by **Pyruvate dehydrogenase** enzyme complex and require the following cofactors **TTP, Lipoamide, FAD, NAD & CoA**

10 – Glycolysis are carried out in the cytosol while TCA cycle

In **Mitochondria**

**Best Wishes for All**