



Pharmacognosy and Phytochemistry

Quiz 2, **B** (10-11) ----- Thursday: 17/12/2015

Name:

Student No.

Choose the correct answer in the following question (1-2):

1. The basis of enzyme-assisted extraction is:

- a. Breaking cell wall and hydrolysis of its components of lipopolysaccharides and lipid bodies.
- b. Pressurized fluid extraction.
- c. Increasing transfer rate.
- d. Creation of cavitation.

2. Supercritical fluid as a solvent:

- a. Is not an organic solvent, so it is green friendly.
- b. Has a big surface tension with increased viscosity.
- c. It increases mass transfer by decreasing resistance to flow.
- d. Has both gas and liquid properties, and thus it possesses a great extraction efficiency.

Answer true or false (3):

3. In enzyme-assisted extraction technique, enzyme forms soluble complexes.

4. Mention two disadvantages of the pressurized liquid extraction technique?

1.

2.