

**CORK INSTITUTE OF TECHNOLOGY
INSTITIÚID TEICNEOLAÍOCHTA CHORCAÍ**

Autumn Examinations 2016

Module Title: Product and Process Development

Module Code: BIOL8005

School: Science

Programme Title(s): Bachelor of Science (Honours) in Nutrition and Health Science
Bachelor of Science (Honours) in Herbal Science

Programmes Code(s): SNHSC_8_Y4
SHERB_8_Y4

External Examiner(s): Dr Tom O'Connor

Internal Examiner(s): Mr Eddie Fitzgerald

Instructions: Answer any four questions. All questions carry equal marks.

Duration: 2 Hours

Sitting: Autumn 2016

Requirements for this examination:

Note to Candidates: Please check the Programme Title and the Module Title to ensure that you have received the correct examination. If in doubt please contact an Invigilator.

- Q1. Discuss the importance of qualitative and quantitative research and triangulation in the improvement of products, processes and therapies.
- Q2. Discuss how a food or healthcare manufacturing company might ensure that its products are fit for their purpose and are meeting the needs of the customers.
- Q3. Discuss the role of therapies in maintaining health and preventing disease.
- Q4. Discuss the challenges involved in managing change in a regulated food or healthcare product manufacturing facility.
- Q5. Discuss how companies of all sizes can develop products which meet the needs of consumers.
- Q6. Discuss the use of Key Performance Indicators or Quality indices in assessing the fitness for purpose of a product, service or therapy.