



The Open University of Sri Lanka
Faculty of Engineering Technology
Bachelor of Industrial Studies Programme

Final Examination- 2010/2011

AEX4231 Food and Nutrition

Date : 22.03.2010
Time : 1400-1700
Duration : Three (03) hours

SECTION 2: Answer any four (04) questions.

1. Explore your knowledge on government a subsidiaries program that offered to food producers and discuss in detail how it affects on food production.
2. (a) What are “functional foods”? Briefly explain it.
(b) Discuss the importance of functional food on human health
3. Discuss the importance of the composition and structure of protein.
4. (a) Comment on this statement “obesity is a disease”
(b) Distinguish physical and chemical properties of monosaccharide, disaccharides and polysaccharides.
5. Critically evaluate this statement. “It is suitable to consume vegetable oil, coconut oil, soya oil for heart patients”.
6. Write short notes on following topics.
 - a) Glycoprotein
 - b) Government policies on food security
 - c) Importance of Lipid
 - d) Glycolysis