UNIVERSITI UTARA MALAYSIA

FINAL EXAMINATION
SECOND SEMESTER 2008/2009 SESSION

CODE/COURSE: HOC2013/ FOOD SANITATION
DATE: 03/05/2009
TIME: 4.00 PM – 6.30PM (2 HOURS ½)
VENUE: DP 2/4 (A), DP 1/2 (B)

INSTRUCTIONS:
1. This exam paper contains EIGHT (8) questions in TWO (2) printed pages, excluding the cover page.
2. You are required to answer ALL the questions.
3. Answer all questions on the answer sheets provided.
4. You are NOT ALLOWED to remove the exam paper from the examination hall.

MATRIC NO.: (in words) (in figures)
IDENTITY CARD NO.: 
LECTURER: 
GROUP: 
TABLE NO.: 

DO NOT OPEN THE PAGE UNTIL YOU ARE TOLD TO DO SO

CONFIDENTIAL
Answer ALL questions.

Question 1
a) List FOUR (4) highly susceptible population to foodborne illness. (4 marks)

b) Discuss FOUR (4) tasks of a certified food protection manager in a food establishment. (8 marks)

Question 2
a) Define the following terms.
   1) Foodborne disease outbreak
   2) Cross contamination
   3) Onset time
   4) Temperature abuse (4 marks)

b) Differentiate the THREE (3) categories of foodborne hazards. (6 marks)

Question 3
Describe SIX (6) factors that promote bacteria growth. (12 marks)

Question 4
Identify FOUR (4) desirable behaviours of food handlers in reducing the risk of foodborne illness. (8 marks)
Question 5
a) Give THREE (3) common types of food storage areas. (3 marks)
b) Give THREE (3) types of packaged food. (3 marks)

Question 6
Differentiate between Control Point (CP) and Critical Control Point (CCP). (4 marks)

Question 7
a) Explain TWO (2) important features to consider when planning work centers. (4 marks)
b) Describe FOUR (4) end results of a properly designed work centers. (8 marks)
c) Determine FOUR (4) factors to consider in the selection of equipment for work centers. (8 marks)

Question 8
a) Explain the TWO (2) types of sanitizing. (4 marks)
b) Conclude THREE (3) effective ways of preventing and controlling insects and pests in food premises. (12 marks)
c) Interpret the THREE (3) types of activities involved in accident prevention programs. (12 marks)

END OF QUESTIONS