

Chittagong Veterinary and Animal Sciences University
Dept. of Applied Food Science and Nutrition
MS in Applied Human Nutrition and Dietetics
January-June Semester Final Examination-2017
Course Title: Community Nutrition
Course Code: CMN-501
Course Credit: 2 (Theory)

Time: 2 hours

Total Marks: 40

Answer any four questions. Figures in the right margin indicate full marks.

1. a) What do you mean by nutrition education? 02
b) Briefly discuss the different strategies of nutrition communication in addressing nutritional problems in our country. 05
c) Mention the name of different methods used in assessment of nutritional status of mass people. 03
2. a) Define community nutrition. 02
b) Sketch and discuss the conceptual framework of malnutrition adopted by UNICEF. 05
c) Narrate down the aspects of different methods in community nutrition diagnosis. 03
3. a) What is project cycle? 02
b) Explain in details about the existing nutrition projects and programs in Bangladesh. How do you monitor and evaluate these projects? 05+03
4. a) In what way you can formulate and test of a nutritional message? Discuss in details about this. 05
c) State down the advantages and drawbacks of different methods and media of nutrition communication. 05
5. Write down short notes on the following topics~ 05X2
b) Salt Iodization Program
c) Analysis of project costs and benefits.

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MS in Applied Human Nutrition and Dietetics
January-June Semester Final Examination-2017
Course Title: Human Growth and Development
Course Code: HGD-501
Course Credit: 2 (Theory)

Time: 2 hours

Total Marks: 40

Answer any four questions. Figures in the right margin indicate full marks.

1. a) What do you mean by intra natal care? 01
b) Outline the importance of prenatal and post natal care for both mother and child. 06
c) Sketch and label the diagrammatic figure of extended model of care by UNICEF. 03
2. a) What do you mean by growth chart and growth monitoring? 02
b) Narrate the advantages and limitations of growth monitoring of children. 04
c) What are the physiological and psychological changes occurred among adolescent boys and girls? Discuss briefly about this. 04
3. a) Define human growth and development. 02
b) A lot of nutrients play an important role in human growth and development. State down your opinion about this. 04
a) Enlist the biological and environmental factors affecting child growth. 04
4. a) Briefly describe the different stages in child growth and development. 06
b) Which factors affect food intake pattern of geriatric people? 02
c) Mention the objectives of intra natal care. 02
5. Write down short notes on the following topics~ 05x2
a) Measures to improve caring practices during pregnancy.
b) Importance of care in different stages of life cycle.

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MS in Applied Human Nutrition and Dietetics

MS January-June Final Semester, 2017

Course Name: Active Health and Fitness Nutrition

Course Code: AHF -501

Full Marks: 40, Time: 2 hours

Answer any four questions from the listed below. Figures in the right margin indicate full marks.

1. Narrate down briefly the role of genetics and nutrition on body composition of an individual. 10
2. a) What do you mean by sports nutrition? 02
b) Briefly discuss about the dietary management and uses of nutrients supplements for an athletic person. 08
3. Elaborately explain the interrelationship exist between physical activity, health eating and body composition in improving personal fitness and health status of a person. 10
4. a) What is childhood obesity? Enumerate the causes of obesity in different stages of life. 1+3
b) Now a days a lot of managements are available to prevent obesity. State your opinion about this. 06
5. Write down short notes on the followings~ 2.5X4
 - a) Health complications of obesity
 - b) Assessment of Nutritional Status of Adult People
 - c) Benefits of physical exercise
 - d) Effects of healthy eating and junk foods on our body composition

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January – June Semester Final, 2017

Course: Global Food Issues and International Health

Course Code: GFI-501

Full Marks: 40 Time: 2 hours

Answer any four from the followings

1. Define food borne illness. What are the factors responsible for occurrence of food borne illness? Write the categories of food borne illness. 10
2. Why nutrition security is important? Describe the direct and indirect routes for improving nutrition. 10
3. Describe the concepts of food security and household measurement of chronic hunger and poverty. 10
4. State the impact of climate change on human health. 10
5. Write short notes on- Genetic modification of food. 10

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January – June Semester Final, 2017

Course: Primary health care and contemporary health issues

Course Code: PHC-501

Full Marks: 40

Time: 2 hours

Answer any four from the followings

1. Define primary health care. Write the principles and components of PHC. 10
2. What is mean by risk factor? Classify it. Discuss concepts and importance of iceberg of disease. 10
3. Draw a diagram indicating levels of health care delivery system in Bangladesh. Mention the characteristics of comprehensive health care. 10
4. What is the changing concept of public health? Write the branches of modern medicine. 10
5. Illustrate the indicators of health that reflect the standard of health service delivery of a country. 10

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January – June Semester Final, 2017

Course: Advanced Macronutrient

Course Code: ADN-501

Full Marks: 40

Time: 2 hours

Answer any four from the followings

1. Describe the catabolism of purine nucleotides and the associated metabolic disorders. 10
2. Explain the metabolic interrelationship among major tissues during starvation. 10
3. Why store glycogen as a fuel reserve? What do you mean by ketone bodies? How they utilize in body? 10
4. Describe the feeder pathway of glycolysis. 10
5. "TCA cycle is a amphibolic pathway " - Justify. 10