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Ph.D. FOOD AND NUTRITION (PHDFN)

Term-End Examination

December, 2016

**RFNE-003 : CHEMICAL NUTRITION AND
DIETETICS**

Time : 3 hours

Maximum Marks : 100

Note : (i) *Answer five questions in all.*

(ii) *All questions carry equal marks.*

1. Briefly describe the nutrition care process highlighting and illustrating the steps involved in this process. **20**
2. Explain the following briefly. **10+10**
 - (a) Metabolic changes occurring as a consequence of infection
 - (b) Special feeding methods in nutritional support
3. Give reasons for the following :
 - (a) People lose weight rapidly in the beginning, when they start following weight reducing diet and then plateau is reached. **5**
 - (b) Lipoproteins present in the blood are used in the diagnosis of hyperlipidemia. **10**
 - (c) Ketoacidosis is gradual and life threatening. **5**

4. (a) Present the diagnostic criteria/classification for underweight. 5
- (b) Present the goals of nutritional management in eating disorders. Present the guidelines for nutrition therapy and nutrient intake for an anorexic individual. 5+10
5. (a) Comment on the quantity and quality of protein recommended for Liver Cirrhosis and Chronic Renal Failure, giving appropriate examples. 10
- (b) What is malabsorption syndrome? List the conditions grouped under the term. 2+2
- (c) Present the medical nutrition therapy for any one condition mentioned at (b) above. 6
6. Highlight the nutrition counselling and dietary management you would advocate for patients suffering from : 6+6+8
- (a) Maple Syrup Urine disease
- (b) Epilepsy
- (c) AIDS
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