Your Roll No.....

P G Diploma in Dietetics & Therapeutic Nutrition
Annual Examination-2010
Paper No.: PTND-101
Applied Health Science & Nutrition

Time: 2:30 hours **Maximum Marks: 70**

(Write your roll number at the top immediately on receipt of this question paper)

This paper is divided into three sections. Attempt questions from each section as per the instructions.

Section-I

Q 1. Fill in the blanks (all are compulsory): **10x1**

(a) Oxidation of food in absence of oxygen is called as _____ respiration.

(b) The complex mixture and hypotonic solution secreted by salivary glands under the control of Autonomic Nervous System is called as _____.

(c) _____ is the control over the concentration of water & salt in the body.

(d) After bile secretion stops, person usually develops deficiency of vitamin _____.

(e) The process of exposing objects to free flowing steam at 100°C for 30 minute to kill the entire microorganism is called as _____.

(f) Pituitary insufficiency in the young produces _____.

(g) Adrenaline causes _____ of the arteries resulting in rise of blood pressure .

(h) Metabolism of food needs adequate _____ to muscles to provide energy for muscular functions.

(i) Calcium or phosphate deficiency in the extracellular fluid in children cause - _____.

(j) Spoiled fresh meat undergoes _____ due to clostridium & other microorganisms.

Section- II

(i) Types of joints

(ii) Blood Groups

(iii)Movement of food through the alimentary canal

(iv)Common disorders of Eye

(v) Antibiotics

(vi)Factors influencing anti-microbial activity

(vii) Principle of food quality control

(viii) Prevention of food borne illnesses

Section III

Q 3. Attempt any THREE questions: 3x10=30

(a) Environmental sanitation and its importance.

(b) Food poisoning and its prevention

(c) Food preservation methods

(d) i. Draw a labelled diagram of lungs

ii.Describe the physiology of respiratory system

(e) i. Draw a labelled diagram of human heart

ii.Explain circulation of blood through heart