

**POST GRADUATE CERTIFICATE / DIPLOMA
IN PEDIATRIC NUTRITION
(PGCPDN/PGDPDN)**

Term-End Examination

June, 2017

**MFN-022 : CHILDHOOD NUTRITION : IN
HEALTH AND DISEASE**

Time : 3 hours

Maximum Marks : 100

Note : (i) Attempt five questions in all.

(ii) All questions carry equal marks.

1. Briefly describe what is a ketogenic diet, and its potential utility in the management of children with neurological disorders (100-150 words). Also elaborate (250-300 words) the recommendations for nutrition therapy for children with epilepsy. 20
2. As a lactation expert posted in the neonatal ward you are required to provide nutrition intervention in the very low birth weight infants (VLBW). Briefly describe (in 500 words) the nutrient requirement, nutritional management protocol and the practical issues you would consider for VLBW infants. 20
3. A newspaper editor has approached you to contribute an article on "Vitamin A deficiency among population groups in our country". Prepare a 500 word article highlighting the magnitude and prevalence of Vitamin A deficiency, recommended criteria for defining Vitamin A deficiency as public health problem and prevention, control measures to combat Vitamin A deficiency disorders. 5+5+10

4. A four year old boy presented with dehydration and severe malnutrition during a course of prolonged diarrhoea. His physician has initiated the Medical Nutrition Therapy (MNT) and referred the child to you for management of dehydration, malnutrition and diarrhoea. Present the nutrition therapy you would provide to the boy. 20
5. (a) Critically analyze the protein requirement for the following conditions. 5+5
- Chronic Liver Disease in children.
- Chronic Renal Failure in 11 year old girl
- (b) One year old girl presents with cows milk allergy. What advice would you give to her mother for management of cow's milk allergy? 10
6. Explain briefly in about 250 words each : 10+10
(a) Integrated Management of Childhood Illness (IMCI).
(b) National Guideline on Infant and Young Child Feeding.
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