

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

Term-End Examination

December, 2014

00041

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

Time : 3 hours

Maximum Marks : 100

Note : Attempt five questions in all. All questions carry equal marks.

1. "Enteral and Parenteral nutrition is one way of providing nutrition support to the ill child." Explaining this concept to a mother (of a sick child), elaborate on what are these nutritional support methods, what is the nutritional composition and advantages and limitations of using these two nutritional support methods. (Limit your answer to about 800 words).

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2. Recently focus has been laid on the increasing incidence of zinc deficiency in India. You have been asked to contribute a report on the public health significance of zinc deficiency for a Nutrition website. Briefly describe/illustrate the possible consequences of maternal zinc deficiency on birth outcomes and maternal and perinatal health. Also highlight the role of zinc in the management of various disease conditions. 12+8
3. (a) Give the assessment criteria you will use to diagnose an overweight and obese child. 5
- (b) Prepare a write-up (500 words) for a health magazine highlighting the causes and risk factors for childhood obesity. 10
- (c) Highlight the importance of early life growth and long-term health. 5
4. For “Liver Transplant patients” an advisory on nutritional support and therapy in children prior to and after liver transplant is to be prepared. Prepare the advisory (500 – 800 words) summarizing the recommendations for nutritional therapy. 20

5. Briefly describe (800 words) the nutritional management principles and food based dietary changes you would advocate for a child suffering from chronic renal failure. 20
6. In the format of a list of bullet points, present the Do's and Don'ts linked to healthy eating in the following conditions : 5+5+5+5
- (a) Celiac disease
 - (b) Phenylketonuria
 - (c) Cow's milk allergy
 - (d) Dental decay/erosion
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