

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

00254

Term-End Examination

December, 2016

**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.

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1. BC is a 12 year old girl diagnosed with type I diabetes recently. Her endocrinologist has referred her mother to you for guidance because 4 days ago she had a hypoglycemic event. 2+5+5+8
As a diabetes educator what advice would you give to BC and her mother regarding :
 - Ways to reduce her risk of hypoglycemia
 - Exchange system, carbohydrate counting/ distribution between meals
 - Glycemic Index and its use in planning meals
 - Nutrient requirement for BC

 2. "Nutritional Management of Children with chronic liver disease is a challenge". Present a review (in about 500 words) highlighting what are the challenges faced and recommendations for nutritional therapy for children with chronic liver disease. 20

3. (a) Present the classification of inborn errors of metabolism. 8
- (b) A leading health magazine has invited you to write an article on "Causes, risk factors and consequences of childhood obesity" for general public. Present a 300 - 400 words article. 12
4. (a) A nutrition education programme has been organized in an urban slum for mothers. The programme focuses on educating the mothers regarding implications of iodine deficiency in population groups and preventive and control strategies of iodine deficiency disorders. Present the talk you will deliver. 12
- (b) How will you define/diagnose Severe Acute Malnutrition (SAM) ? Summarize the community based therapeutic care you will advocate for SAM child. 2+6
5. To showcase the Governments efforts towards improving the health, nutrition status of children, enlist the various nutrition and health related programmes implemented by the Government. Present a critical review on any two programmes highlighting its achievements and limitations. 4+8+8
6. Explain the following briefly : 5+5+5+5
 - (a) Diet for an epileptic patient
 - (b) Therapeutic benefits of zinc administration during diarrhoea
 - (c) Dietary management of a child with acute renal failure
 - (d) Feeding methods for pre term infants