

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

00151

Term-End Examination

June, 2015

**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. For an international conference on Severe Acute Malnutrition (SAM) your paper has been selected for oral presentation. Prepare a 500 – 800 worded article highlighting the magnitude and prevalence aetiology of SAM in our country. Give the criteria you used to identify SAM among children and elaborate on home-based approaches for management of SAM. 20
2. Propose a strategy you would advocate to policy makers/planners to combat iron deficiency anaemia in our country. This should not only focus on nutrition elements but should also include other possible related interventions. 20

3. During your internship posting in Pediatric Intensive Care Unit (PICU) you are required to provide nutritional intervention/therapy for the following :

(a) Child with epilepsy

(b) Child with liver cirrhosis

Elaborate (400 words each) the recommendation you would advocate for each of the conditions. 10+10

4. To showcase the Government's effort to provide quality health services for rural population, present a write-up (800 words) on any one scheme implemented in our country highlighting acts, objectives/goals, components, beneficiaries and plan of action. 20

5. (a) A 4-year-old girl is brought to the hospital by her parents with complaint that the child is suffering from loose watery stools, since the last 14 days and inability to gain weight. Identify the disease condition and explain the steps you would follow to assess the nutritional/health status of the child. 8

(b) Briefly present the nutritional therapy and recommendation for dietary management of the condition identified at (a) above. 12

6. Explain any *four* of the following briefly : 5+5+5+5

- (a) Modification in protein, sodium and potassium intake in children suffering from nephrotic syndrome
 - (b) Nutrient requirement of children with HIV
 - (c) Distribution of carbohydrates and fibre in the diet of an adolescent type-1 Diabetic
 - (d) Dietary factors possibly implicated in the pathogenesis of acne
 - (e) Kangaroo Mother Care
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