NIHS RESIDENCY TRAINING PROGRAM

Pediatrics

Final Written Examination

Examination Format:

National Institute for Health Specialties NIHS (Emirate Board) final specialty written examination shall consist of two papers each with 100-125 Single Best Answer MCQs. Up to 10 % unscored items can be added for pretesting purposes.

Passing Score:

The pass mark in the Final Written Examination will be determined according to the scientific standards and based on reliable practices in assessment.

Suggested References:

- Nelson Textbook of Pediatrics, 20th Edition. Robert M. Kliegman, Bonita M.D. Stanton, Joseph St. Geme, Nina Schor, and Richard E. Behrman (Main reference).
- The Harriet Lane Handbook, Johns Hopkins Hospital, Branden Engorn, and Jamie Flerlage, MD.
- Red Book. AAP Committee on Infectious Diseases. Larry K. Pickering, Carol J. Baker, and David W. Kimberlin
- Pediatric Secrets. Richard A. Polin, and Mark F. Ditmar
- Professionalism and Ethics, Handbook for Residents, Practical guide, Prof. James Ware, Dr. Abdulaziz Fahad Alkaabba, Dr. Ghaiath MA Hussein, Prof. Omar Hasan Kasule, SCFHS, Latest Edition
- Essentials of Patient Safety, SCHS, Latest Edition
- Nelson Pediatric Symptom-based diagnosis Robert M,Kliegman Patricia S.Lye
- Nelson Pediatrics Board Review, 1st Edition Certification and Recertification

<u>Note:</u>

This list is intended for use as a study aid only. NIHS does not intend the list to imply endorsement of these specific references, nor are the exam questions necessarily taken solely from these sources.

Blueprint Outlines:

No.	Sections	Percentage
1	General Paediatrics/ Growth & Development	20%
2	Adolescent and behavioural/ ambulatory	10%
3	Acute care (PICU/ED/NICU)	15%
4	Cardiology	7%
5	Neurology	7%
6	Gastroenterology/ Nutrition	5%
7	Pulmonary/ Allergy & Immunology	6%
8	Nephrology/ Rheumatology/Dermatology	6%
9	Infectious diseases/Preventive medicine/ Immunization	7%
10	Hematology & Oncology	5%
11	Endocrinology/ Genetics & Metabolic	6%
12	Pediatric Surgery/Ophthalmology/ENT	6%
	Total	**100%**

Notes:

- Blueprint distributions of the examination may differ up to +/-5% in each category.

- Percentages and content are subject to change at any time. See the website for the most up-to-date information.

- Research, Ethics, Professionalism, and Patient Safety are incorporated within various domains.

Example Questions
EXAMPLE OF K2 QUESTIONS
Question 1

6-month-old girl admitted with a history of recurrent cellulitis associated with a low-grade fever. In the past history it was noted that her umbilical cord separated at the age of 5 weeks. There is no bleeding tendency in the family (see lab results).

Test	Results	Normal Values
WBC	25.0	4-10.5 × 10^9/L
Neutrophils	75	54% - 62%
Lymphocytes	20	25% - 30%

Which of the following is the most likely diagnosis?

   A. Complement deficiency
   B. Leukocyte adhesion defect
   C. Severe combined immunodeficiency
   D. Human immunodeficiency virus infection

EXAMPLE OF K1
Question 2

A 1-week-old full term newborn is macrosomic, has an umbilical hernia, hepatomegaly and is on a high dextrose concentration infusion to control his blood sugar. The blood ketone bodies were negative.

Which of the following tests has the most diagnostic value?

   A. High insulin
   B. Low cortisol
   C. High fatty acid
   D. Hyperthyroidism