



## **NIHS RESIDENCY TRAINING PROGRAM**

### **Neurology Medicine**

### **Part One Examination**

#### **Examination Format:**

National Institute for Health Specialties NIHS (Emirate Board) Part I Examination certificate shall consist of one paper with 150 Single Best Answer MCQs. Up to 10% unscored items can be added for pretesting purposes.

#### **Passing Score:**

1. The passing score is 65%.
2. If the percentage of candidates passing the exam before final approval is less than 70%, the passing score can be lowered by one mark at a time aiming at achieving 70% passing rate or a score of 60% whichever comes first. Under no circumstances, may the score can be reduced below 60%.





### **Suggested References:**

1. Neurology in Clinical Practice: Principles of Diagnosis and Management (Bradley)
2. Principles of Neurology (Adams & Victor)
3. Merritt's Neurology
4. Localization in Clinical Neurology (Brazis)
5. Neurological Differential Diagnosis (John Patten)
6. 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.
7. Essentials of Patient Safety, SCHS, Latest Edition.

### **Note:**

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	Cerebrovascular Diseases	16%
2	Epilepsy, Psychiatry, Sleep & Pediatric Neurology	16%
3	Neuromuscular & related	16%
4	Demyelinating & Multiple Sclerosis & Spinal Cord	11%
5	Movement Disorders & NeuroOphthalmology	11%
6	Dementia, Neoplasia & paraneoplasia	11%
7	Pain & Headache & Neurology of Systemic Diseases	11%
8	CNS Infection	8%
<b>Total</b>		<b>100%</b>

### 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

A 24 year-old presented with history of numbness in the left arm and leg one year ago that lasted for one month then resolved. One month ago, she experienced visual blurring in the right eye followed by loss of color vision, associated with pain upon moving the eyeball around. MRI of the Brain and Spinal cord is positive for white matter lesions in the supra and infra-tentorial spaces.

CSF examination as follows (see lab results).

Test	Result	Normal Values
WBC	4	0-5/mm <sup>3</sup>
RBC	0	0-10/mm <sup>3</sup>
Glucose	3.5	2.5–4.4 mmol/L
Protein	25	20-40 mg/dl
Oligo-Clonal –Bands	Absent	Absent
Blood Glucose	5.6	3.5–6.5 mmol/L

Which of the following is the best next step in treatment?

- A. Observation
- B. Natalizumab
- C. Pulse-Steroids
- D. Beta-Interferon

### EXAMPLE OF K1

#### Question 2

A patient presented congenital infections.

Which of the following congenital infections is associated with hydrocephalus?

- A. CMV
- B. Rubella
- C. Toxoplasmosis
- D. Varicella Zoster

