

## MCQ Samples :

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- 1) A 6-year-old boy is referred to you for evaluation of café au lait patches. You note seven patches measuring at least 5 mm in diameter as well as axillary freckling. Subsequent head magnetic resonance imaging reveals an optic nerve glioma. Neither parent has café au lait patches, skin fold freckling, tumors, or other evidence for this disorder. The most likely diagnosis is :
  - a) Neurofibromatosis type II
  - b) Neurofibromatosis type I
  - c) Tuberous sclerosis
  - d) Incontinentia pigmenti
  
- 2) While at school, a 6-year-old boy is noted by his teacher to experience 10- to 20-second lapses in consciousness, sometimes with twitches in the eyelids and clonic movements in the face . Electroencephalography shows 3 per second generalized spike and wave discharges.The most likely diagnosis is :
  - a) Complex Partial Seizure
  - b) Juvenile Myoclinic Epilepsy
  - c) Childhood Absence Epilepsy
  - d) Tics disorders
  
- 3) The mother of an 18-month-old boy is concerned because her son is not yet walking and he does not have any words. Results of physical examination are notable for macrocephaly, mildly coarsened facial features, and hepatosplenomegaly. The MOST appropriate laboratory test to obtain is:
  - a) Peripheral blood chromosome analysis
  - b) Thyroid function tests
  - c) TORCH titers
  - d) Urine mucopolysaccharide levels

- 4) A previously healthy and developmentally normal 18-month-old boy presents with status epilepticus. There is no past or family history of seizures. The child is stabilized, and the seizure stopped. Subsequent physical examination reveals a playful child who has a temperature of 39.2°C and nasal discharge. Findings on the remainder of the examination are normal.

The MOST likely diagnosis is :

- a) Bacterial meningitis
  - b) Cortical dysplasia
  - c) Febrile seizure
  - d) Hypoglycemia
- 5) An otherwise healthy 11 months old girl has had several episodes in which she becomes cyanotic and loses consciousness after crying. She is brought to ER 1 hour after an episode. She is alert, takes a few steps, and says "mama" to her mother. The physical examination findings are normal. What is the most appropriate lab test you will do for her:
- a) Electroencephalography ( EEG )
  - b) Electrocardiography ( EKG)
  - c) Complete blood count ( CBC)
  - d) CT Brain

**Answers :**

- 1) b
- 2) c
- 3) d
- 4) c
- 5) c