**Blue print end module fourth year 2022-2023**

**Pediatrics 407 – fourth year – second term – 125 marks**

**-Mid module 29 marks – MCQ**

**-cont. assessment – 8 ( 2 microbiology , 3 attendance , 2 presentation , 1 portfolio )**

**-End exam 50 marks – 40 MCQ , 10 SAQs**

**-OSPE & OSCE - 38 marks ( 18 slides – electronic , 20 OSCE)**

**Pediatrics ( 40 MCQ )**

**Neonatology:**

* Describe the normal newborn and fetal growth/maturity abnormalities
* Calculate an Apgar score and understand neonatal resuscitation
* Demonstrate understanding of newborn screening,and neonatal infections
* Demonstrate understanding of newborn respiratory, metabolic, and hematological neonatal disorders

**Hematology:**

Categorize anemias into those caused by inadequate production, acquired production,

and congenital anemias

Describe the pathophysiology, diagnosis, and treatment of megaloblastic and hemolytic

anemias

Recognize and describe management of thalassemias and hemoglobin disorders

Demonstrate understanding of coagulation disorders

**Endocrinology:**

Recognize and describe treatments for thyroid, parathyroid, and adrenal disorders

Describe the epidemiology and treatment of childhood diabetes mellitus

**Renal:**

Recognize and describe treatment for urinary tract infection, vesicoureteral reflux,

obstructive uropathy, and polycystic kidney disease

Diagnose and describe treatments for disorders presenting with hematuria or proteinuria

**Neurology:**

Describe the epidemiology and treatment of febrile and other seizure disorders

Describe CNS anomalies, neurocutaneous syndromes, and neurodegenerative disorders

Recognize and categorize encephalopathies

Categorize and describe the epidemiology and genetics of neuromuscular disease

**Emergencies:**

**Rheumatology:**

Diagnose and describe management of juvenile idiopathic arthritis, systemic lupus

erythematosus, Kawasaki disease, and Henoch-Schonlein purpura

**OSPE 18 marks slides**

**OSCE 20 marks clinical in the department**

**Check list for osce**

**SM 409 – 2022-2023**

**SM 409 neurology - 175 marks**

**-Mid module ( 43 marks – MCQ)**

**Cont. assessment – 10 marks ( 3 attendance , 4 presentation , 3 portfolio )**

**-End module 70 marks ( 60 marks MCQs , 2 SAQs – 10 marks )**

**-OSPE - 52 marks 22 marks-( slides , T&F , MCQ ) 30 marks – clinical**

**Neurology 30 MCQ**

**Neuroanatomy and blood supply**

**Neurological history taking and examination**

**Movement disorder**

**Dementia**

**Peripheral neuropathy**

**Cerebrovascular stroke**

**Headache**

**Epilepsy**

**Muscle disease and myasthenia**

**Motor neuron disease**

**Demyelinating disease**

**Spinal cord disease**

**CNS infections**

**B) Psychiatry 10 MCQ**

1- What is mental health?

2- What is importance of mental health?

3- Classifications of psychiatric disorders.

4- Enumerate the etiology of psychiatric disorders.

5- Define depressive disorders.

6- Enumerate lines of management of depression

7- Enumerate and define anxiety disorders

8- Define and differentiate somatoform disorders

9- Define how to do extra pyramidal management.

10- Define addiction.

1- Able to identify mental health problem.

2- Able to practice effective in management of psychiatric disorders.

1- Able to identify psychiatric symptoms.

2- Able to understand the importance of mental health.

3- Able to understand some psychiatric disorders.

4- Able to talk with patient’s relatives about his serious condition.

**C) Neurosurgery 12 MCQ**

-Head trauma:

◘ Discuss definition of head trauma 2

◘ Discuss causes of head trauma

◘ Discuss classification, types, different pathologies of head injuries

◘ Management of head injuries

◘ ABCDEs

◘ GCS

PERIPHERAL NERVE INJURIES:

◘ discuss causes of peripheral nerve injuries

◘ discuss the pathological classification of peripheral nerve injuries

◘ discuss the CLINICAL FEATURES of peripheral nerve injuries

◘ How to diagnose and treat peripheral nerve injuries

◘ discuss brachial plexus injuries

◘ discuss CLINICAL PERIPHERAL NERVE INJURIES in upper limbs

◘ discuss CLINICAL PERIPHERAL NERVE INJURIES in lower limbs

Hydrocephalus:

◘ Discuss definition, types, causes, clinical features, diagnosis, management of hydrocephalus in pediatric and adult.

Brain tumors:

◘ Discuss definition, types, causes, clinical features, diagnosis, management of brain tumors

The spine:

◘ discuss types, clinical features, diagnosis, treatment of spina bifida

◘ discuss causes, types, clinical features, diagnosis, treatment of spine fractures

◘ discuss clinical presentations, diagnosis, treatment of cervical and lumbar disc prolapse

**C) Parasitology 2** MCQ

Identify the sources of infection,mode of transmission and causative organisms of various infectious diseases

Point out the principles of disease surveillance and screening communicable disease control, health promotion and health needs assessment

Illustrate the management plan,prophylaxis and simple prevention methods of clinical case subjected to certain parasitic infections

**D) Pharmacology 2 MCQ**

Describe the mechanism of action and unique features of the commonly used anticonvulsants.

Provide an overview of which anticonvulsants are used for which type of seizures.

**E) Microbiology 2** MCQ

Discuss the etiology, epidemiology, pathogenesis , prevention of Meningitis, meningoencephalitis, encephalitis ,myelitis and brain lesions

Describe the laboratory diagnosis and antimicrobial testing methods for bacteria, viruses, fungi

Discuss the virulence mechanisms for each organism

Describe Prions and its diseases

Explain the role of immunopathogenesis in the development of post-infectious diseases

**Pathology : 2 MCQ**

**OSPE 52 marks**

**22 slides**

**30 OSCE in the department**