**Blue print LEVEL two SEMESTER One Module NRS**

**(2024-2025)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Topics** | **Departments** | **Type** | **Hours** | **%** | **Marks** | **Mid-Module** | **Final** | |
| **MCqs** | **SAQs** |
| **Introduction of nervous system** | | | | | | | | |
| 1. **Histological structure of Neurons & their types.** | **Histology** | **1 L** | **2 hrs** | **3%** | **3** | **2** | **1** |  |
| 1. **Nerve fibers, their covering, PNS & Degeneration & regeneration of nervous tissue.** | **Histology** | **1 L** | **2 hrs** | **3%** | **3** | **2** | **1** |  |
| 1. **PNS, Ganglia & Neuroglia.** | **Histology** | **1 L** | **2 hrs** | **3%** | **3** | **1** |  | **2** |
| 1. **Synapse.** | **Physiology** | **1 L** | **2 hrs** | **3%** | **3** | **2** | **1** |  |
| 1. **Organization of Neurons in Neuronal pool.** | **Physiology** | **1 L** | **2 hrs** | **3%** | **3** | **1** | **2** |  |
| 1. **Skin & Nerve ending.** | **Histology** | **2 L** | **4 hrs** | **7%** | **5** | **3** | **2** |  |
| 1. **Sensory receptors & Sensory code.** | **Physiology** | **1 L** | **2 hrs** | **3%** | **3** | **2** | **1** |  |
| 1. **Somatic sensations.** | **Physiology** | **1 L** | **2 hrs** | **3%** | **3** | **2** | **1** |  |
| 1. **Cranial nerves.** | **Anatomy** | **3 L** | **6 hrs** | **10%** | **8** | **5** | **1** | **2** |
| 1. **Embryological Preview.** | **Anatomy** | **1 L** | **2 hrs** | **3%** | **3** | **2** | **1** |  |
| **Central nervous system** | | | | | | | | |
| 1. **Anatomy of spinal cord & Lamination.** | **Anatomy** | **1 L** | **2 hrs** | **3%** | **3** | **2** | **1** |  |
| 1. **Brain stem.** | **Anatomy** | **1 L** | **2 hrs** | **3%** | **3** | **1** | **2** |  |
| 1. **Cerebrum.** | **Anatomy** | **2 L** | **4 hrs** | **7%** | **5** | **3** | **2** |  |
| 1. **The reflexes.** | **Physiology** | **1 L** | **2 hrs** | **3%** | **3** | **2** | **1** |  |
| 1. **Cortical ascending tracts from body.** | **Histology** | **1 L** | **2 hrs** | **3%** | **3** |  | **3** |  |
| 1. **Sub-cortical ascending tracts from body, short tracts & pathways from face & head.** | **Histology** | **1 L** | **2 hrs** | **3%** | **3** |  | **3** |  |
| 1. **Lesions of sensory system.** | **Physiology** | **1 L** | **2 hrs** | **3%** | **3** |  | **1** | **2** |
| 1. **Pain & Pain control.** | **Physiology** | **1 L** | **2 hrs** | **3%** | **3** |  | **3** |  |
| 1. **Headache, EEG & RAS.** | **Physiology** | **2 L** | **4 hrs** | **7%** | **4** |  | **2** | **2** |
| 1. **Descending tracts (Motor).** | **Histology** | **1 L** | **2 hrs** | **3%** | **3** |  | **3** |  |
| 1. **Motor cortex.** | **Physiology** | **1 L** | **2 hrs** | **3%** | **3** |  | **3** |  |
| 1. **Spinal cord lesions.** | **Physiology** | **1 L** | **2 hrs** | **3%** | **3** |  | **3** |  |
| 1. **Basal ganglia.** | **Physiology** | **1 L** | **2 hrs** | **3%** | **3** |  | **3** |  |
| 1. **Cerebellum & brain barriers.** | **Histology**  **+ Physiology** | **1 L** | **2 hrs** | **3%** | **2** |  | **2** |  |
| 1. **Ataxia.** | **Physiology** | **1 L** | **2 hrs** | **3%** | **3** |  | **3** |  |
| 1. **Anatomy of meninges, Dural folds, Ventricular system & CSF.** | **Anatomy** | **1 L** | **2 hrs** | **3%** | **3** |  | **3** |  |
| 1. **Arterial blood supply & Venous drainage of CNS.** | **Anatomy** | **1 L** | **2 hrs** | **3%** | **3** |  | **1** | **2** |
| **Total** |  | **32** | **64** | **100%** | **90** | **30** | **50** | **10** |

**منسق الموديول**

**د/ غاده محمد محمد ابراهيم**