

Tanta University  
Faculty of Medicine  
Neurosurgery Department  
February, 2022

*MD Neurosurgery*  
(4 questions; 90 marks)  
Time Allowed: 3 Hours  
**Pathology**



**All questions must be attempted:**

1. Pathology of spinal cord injury [25 marks]
2. Pathology of spinal tumors in pediatric age [20 marks]
3. Pathological changes of the peripheral nerves after injury [20 marks]
4. Cavernous malformations in the central nervous system [25 marks]

**BEST OF LUCK**

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## ANATOMY

All questions must be attempted:

1. Microsurgical anatomy of the Transverse Sinus:
2. Microsurgical anatomy of Pia Matter
3. Microsurgical anatomy of the pedicle and its variation in different spinal levels
4. Microsurgical anatomy of the sciatic nerve.