

(LE 032)

FEBRUARY 2014

Sub. Code: 1562

M.Ch. – NEURO SURGERY
THREE YEARS/FIVE YEARS/SIX YEARS COURSE – PART – I/PART – II
Paper – II NEUROCHEMISTRY AND NEUROPATHOLOGY
Q.P.Code: 181562

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2X15=30)

1. Pathology of posterior third ventricular tumors.
2. Cellular events during a seizure.

II. Write notes on:

(10X7=70)

1. Describe the pathology of medulloblastoma.
2. Describe the pathology of primary CNS lymphoma.
3. The role of proliferative indices in the management of meningiomas.
4. Describe the mechanism of action and side effects of phenytoin.
5. Describe the pathology of Alzheimer's disease.
6. Describe the pathology of fungal granulomas.
7. Describe the pathology of dysembryoplastic neuroepithelial tumors.
8. The role of p53 and EGFR in gliomas.
9. The production and action of dopamine in the CNS.
10. Describe the pathology of radiation necrosis.
