

National Board of Examinations

Question Paper Name : DrNB Neurology Paper2
Subject Name : DrNB Neurology Paper2
Duration : 180
Total Marks : 100
Display Marks: No

Maximum Instruction Time : 0

Question Number : 1 Question Id : 32718741024 Consider As Subjective : Yes

Please write your answers in the answer booklet within the allotted pages as follows:-

Question Number	Answer to be attempted within	Question Number	Answer to be attempted within
Q. 1	Page 1-5	Q. 6	Page 26-30
Q. 2	Page 6-10	Q. 7	Page 31-35
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Q. 4	Page 16-20	Q. 9	Page 41-45
Q. 5	Page 21-25	Q. 10	Page 46-50

1. Wernicke's encephalopathy:

- Neuroanatomical structures involved. [3]
- Pathophysiology of thiamine deficiency leading to Wernicke's encephalopathy. [2]
- Differential diagnosis of Wernicke's encephalopathy. [3]
- Management of Wernicke's encephalopathy. [2]

Question Number : 2 Question Id : 32718741025 Consider As Subjective : Yes

Alzheimer's disease:

- Molecular basis of amyloid and tau pathology. [3]

- b) Clinico-radiological correlations in early vs late Alzheimer's disease. [3]
- c) Current disease-modifying and symptomatic treatment approaches. [4]

Question Number : 3 Question Id : 32718741026 Consider As Subjective : Yes

Advanced Parkinson's disease:

- a) Pathophysiology of motor fluctuations and dyskinesias. [3]
- b) Role of deep brain stimulation. [4]
- c) Enumerate non-motor predictors of poor prognosis. [3]

Question Number : 4 Question Id : 32718741027 Consider As Subjective : Yes

Hypoxic-ischemic encephalopathy in newborn:

- a) Pathophysiology and mechanisms of neuronal injury. [3]
- b) Clinical staging. [3]
- c) Role of imaging and biomarkers in prognosis. [4]

Question Number : 5 Question Id : 32718741028 Consider As Subjective : Yes

Carbon monoxide poisoning:

- a) Pathogenesis of neuronal injury. [3]
- b) Clinical neurological features. [3]
- c) Investigations and management principles. [4]

Question Number : 6 Question Id : 32718741029 Consider As Subjective : Yes

Traumatic Brain Injury (TBI):

- a) Classification of TBI. [3]
- b) Pathophysiological basis of diffuse axonal injury (DAI). [4]
- c) Role of multimodality monitoring in severe TBI. [3]

Question Number : 7 Question Id : 32718741030 Consider As Subjective : Yes

Guillain-Barré Syndrome (GBS):

- a) Immunopathogenesis. [3]
- b) Mimics and chameleons. [4]
- c) Management of GBS. [3]

Question Number : 8 Question Id : 32718741031 Consider As Subjective : Yes

Neural Tube Defects (NTDs):

- a) Embryological basis of NTDs. [3]
- b) Clinical spectrum of spina bifida. [4]
- c) Preventive and therapeutic strategies of spina bifida. [3]

Question Number : 9 Question Id : 32718741032 Consider As Subjective : Yes

Frontotemporal Dementia (FTD):

- a) Clinico-anatomical variants of FTD. [3]
- b) Molecular genetics and proteinopathies underlying FTD. [4]
- c) Major differential diagnoses of FTD. [3]

Question Number : 10 Question Id : 32718741033 Consider As Subjective : Yes

Tuberous sclerosis:

- a) Genetic mutations and inheritance. [3]
- b) Neurological manifestations. [3]
- c) Neuroimaging findings and diagnostic criteria. [4]