

National Board of Examinations

Question Paper Name : DrNB Paediatric Neurology Paper1
Subject Name : DrNB Paediatric Neurology Paper1
Duration : 180
Total Marks : 100
Display Marks: No

Maximum Instruction Time : 0

Question Number : 1 Question Id : 32718741586 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
Q. 3	Page 11-15	Q. 8	Page 36-40
Q. 4	Page 16-20	Q. 9	Page 41-45
Q. 5	Page 21-25	Q. 10	Page 46-50

1. a) Interferonopathies. [5]
b) Herniation syndrome - diagrammatic illustration. [5]

Question Number : 2 Question Id : 32718741587 Consider As Subjective : Yes

- a) Glymphatic system. [5]
b) Microglia. [5]

Question Number : 3 Question Id : 32718741588 Consider As Subjective : Yes

Discuss the various mechanisms of drug resistance in epilepsy. [10]

Question Number : 4 Question Id : 32718741589 Consider As Subjective : Yes

- a) Electromyographic findings seen in anterior horn cell and muscle diseases. [5]
- b) Nerve conduction findings in variants of Guillain Barre syndrome. [5]

Question Number : 5 Question Id : 32718741590 Consider As Subjective : Yes

- a) Describe the neurobiology of Tourette's syndrome. [5]
- b) Discuss the drug management of Tourette's syndrome. [5]

Question Number : 6 Question Id : 32718741591 Consider As Subjective : Yes

Discuss the pathophysiology of MOGAD, and AQP4 positive NMOSD. [10]

Question Number : 7 Question Id : 32718741592 Consider As Subjective : Yes

- a) Use of cannabidiol in epilepsy. [5]
- b) Givinostat. [5]

Question Number : 8 Question Id : 32718741593 Consider As Subjective : Yes

- a) Discuss the mechanisms of action of various ketogenic diet therapies. [5]
- b) Enumerate the various non-epileptic indications for dietary therapies in children. [5]

Question Number : 9 Question Id : 32718741594 Consider As Subjective : Yes

- a) Randomization techniques in clinical trials. [5]
- b) Meta-analysis. [5]

Question Number : 10 Question Id : 32718741595 Consider As Subjective : Yes

Describe the various malformations of cortical development, including diagrammatic representation. [10]