

Seat No: _____

Enrollment No: _____

PARUL UNIVERSITY
PARUL INSTITUTE OF VOCATIONAL STUDIES
B.Sc. Med. Sci. April-2023 Examination

Year:3

Subject Code: 19107301

Subject Name: Neurology-I

Date: 11-04-2023

Time:10;00 am to 1:00pm

Total Marks: 70

Instructions:

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Start new question on new page.

Q.1(A): Answer the following questions in details (2 out of 3) (Each worth 7.5 marks) 15

- (i) Explain Nerve Conduction Velocity Test in Detail
- (ii) Pathophysiology of Meningitis
- (ii) Structure of Neuron

Q.1(B): Answer in short (5 out of 7) (Each worth 1 marks) 05

- (i) Meningitis are classified as
- (ii) Neurotransmitters
- (iii) Lobes of Brain
- (iv) Types of Dementia
- (v) CNS Classification
- (vi) Types of Neuron
- (vii) Types of Headache

Q.2(A): Write short notes on any of the following (3 out of 5) (Each worth 5 marks) 15

- (i) Biopsy
- (ii) Glasgow Coma Scale & It's Interpretation
- (iii) EMG and it's Indications
- (iv) Diagnostic Tests for Bell's Palsy
- (v) Stages of Epilepsy

Q.2(B): Answer in short (5 out of 7) (Each worth 1 marks) 05

- (i) Full Form of EEG
- (ii) Full Form of ECG
- (iii) Types of Stroke
- (iv) Types of Hemisphere in Brain
- (v) Synapse
- (vi) Classification of Brain
- (vii) Chronic pain condition that affects the trigeminal or 5th cranial nerve

Q.3: Write a detailed note on the following (2 out of 3) (Each worth 7.5 marks) 15

- (i) Management of Trigeminal Neuralgia
- (ii) Etiology and Clinical Manifestations of Meningitis
- (iii) Stroke Management

Q.4: Write short notes on any of the following (3 out of 5) (Each worth 5 marks) 15

- (i) Assessment of Headache
- (ii) MRI-Types, Indications & Contraindications
- (iii) Diagnosis and Management of Dementia
- (iv) Patient preparation before Nerve Conduction Velocity
- (v) Stroke Rehabilitation