



# RAN-4019

## Final Year B. Physiotherapy Examination

March / April - 2019

### Neuromuscular Physiotherapy

Time: 3 Hours ]

[ Total Marks: 80

#### સૂચના : / Instructions

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.  
Fill up strictly the details of signs on your answer book

Name of the Examination:

Final Year B. Physiotherapy

Name of the Subject :

Neuromuscular Physiotherapy

Subject Code No.: 4 0 1 9

Seat No.:

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Student's Signature

- (1) Answer should be brief and to the point.
- (2) Illustrate answer with suitable diagrams.
- (3) Figures to the right indicate full marks.
- (4) Write each section in separate answer sheet.

#### Section-1

#### Q.1. Long essay (Any One out of Two)

10×1 = 10

1. Describe assessment and management of 75 years old patient suffering from Parkinson's disease.
2. 10 months old baby girl is not able to roll from supine to prone by herself. As per her mother, she had not cried immediately after birth. Write about evaluation and management of same.

#### Q.2. Short Essay (Any Three out of Four)

5×3 = 15

1. Reflex assessment of neurological patient
2. Describe Rood's approach for spasticity reduction
3. Treatment for Weber's syndrome
4. Assessment of perception

- Q.3. Short Answer (Any Five out of Six) 3×5 = 15**
1. Physiological classification of cerebral palsy
  2. Prevention and treatment of heterotrophic ossification in spinal cord disorder patient
  3. Spinal muscular atrophy treatment
  4. Physiotherapy treatment for autism
  5. Management of shoulder pain in hemiplegia
  6. Positioning of stroke patient in supine lying

**Section-2**

- Q.1. Long essay (Any One out of Two) 10×1=10**
1. Describe in detail about physiotherapy management of 14 years old male DMD patient.
  2. Describe about detailed physiotherapy management of Guillane Barre Syndrome patient on ventilator.

- Q.2. Short Essay (Any Three out of Four) 5×3=15**
1. Yogasanas for Parkinson's disease
  2. Management of wrist drop
  3. Management of right Erb's palsy
  4. Assessment of myotomes in spinal cord injury patient.

- Q.3. Short Answer (Any Five out of Six) 3×5=15**
1. Hand to knee gait
  2. Foot drop gait
  3. Romberg sign
  4. Physiotherapy management of thoracic outlet syndrome
  5. Introduce scales used for functional assessment of neurological patients
  6. Hoenn & Yarr Scale for Parkinson disease