

**PHYSICAL MEDICINE AND REHABILITATION**

**PAPER-III**

Time: 3 hours  
Max. Marks:100

PMR/J/20/35/III

**Important Instructions:**

- Attempt all questions in order.
- Each question carries 10 marks.
- Read the question carefully and answer to the point neatly and legibly.
- Do not leave any blank pages between two answers.
- Indicate the question number correctly for the answer in the margin space.
- Answer all the parts of a single question together.
- Start the answer to a question on a fresh page or leave adequate space between two answers.
- Draw table/diagrams/flowcharts wherever appropriate.

**Write short notes on:**

1. A patient with intermittent claudication pain due to arteriosclerosis obliterans needs to be followed up in rehabilitation OPD. How will you evaluate the patient for severity and progression and plan the management? 10
2. Discuss Brunnstrom stages of recovery in a stroke patient. What are the early and delayed complications of stroke? 5+5
3. How do you screen and evaluate children with Autism Spectrum disorder? Enumerate different screening and diagnostic tools available. 10
4. A 24 years old male was given an injection tetanus toxoid in his arm following an abrasion to his knee. He had severe pain in his arm soon after the injection and developed difficulty to dorsiflex his wrist. Discuss the management. 10
5. A five years old female child with delayed milestones has difficulty walking and walks with scissoring gait. She had severe spasticity in her legs making perineal hygiene difficult. Discuss her management. 10
6. Discuss the role of Kidney in pathogenesis of Gout. Elaborate on the newer drugs used for management of hyperuricemia. 5+5
7. Describe the Gait and posture disturbance in Parkinson's Disease. How can you rehabilitate a person with such impairments? 10
8. Management of low back pain in a lady during the postnatal period. 10
9. a) Floor Reaction Orthosis. 4+3+3  
b) Posterior leaf-spring Orthosis.  
c) Hydraulic knee joint.
10. Differential diagnosis of a 50 years old male having heel pain. 10

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