

Preethi
16/11/2018

Rajiv Gandhi University of Health Sciences

Master of Physiotherapy Degree Examination – OCT-2018

[Max. Marks: 100]

[Time: 3 Hours]

Paediatric

Q.P. CODE: 8128

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary. Answer all questions

LONG ESSAY

2 X 20 = 40 Marks

1. Describe the neuro developmental assessments of neonate and enumerate the various prenatal and peri natal causes for neuro developmental disorders.
2. Management of a child suffering from GB syndrome with recent advances

SHORT ESSAY

6 X 10 = 60 Marks

3. Motor learning and its implications
4. Physiotherapy in pediatric asthma
5. Levels of cognitive development and its importance
6. Explain structural scoliosis and its management.
7. Congenital Dysplasia of Hip
8. Neuroplasticity and its relevance to physiotherapy management

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16M1280

Rajiv Gandhi University of Health Sciences

Master of Physiotherapy Degree Examination – SEP-2018

[Time: 3 Hours]

[Max. Marks: 100]

Physical and Functional Diagnosis

Q.P. CODE: 8122

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary. Answer all questions

LONG ESSAY

2 X 20 = 40 Marks

1. Role of electrophysiological testing on Neurological disorders
2. Investigations and imaging techniques used in cardiopulmonary dysfunction

SHORT ESSAY

6 X 10 = 60 Marks

3. Voluntary motor control assessment
4. Explain the importance of ICF model in disability evaluation.
5. Evaluation of aging
6. Frontal plane analysis of Gait
7. Aids and appliances used in Musculoskeletal dysfunction
8. Exercise ECG testing and its interpretation

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16MT280

Rajiv Gandhi University of Health Sciences

Master of Physiotherapy Degree Examination – SEP-2018

[Time: 3 Hours]

[Max. Marks: 100]

Physiotherapeutics

Q.P. CODE: 8123

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary. Answer all questions

LONG ESSAY

2 X 20 = 40 Marks

1. Describe exercise planning and prescription in obesity.
2. Explain in detail about pain modulation and management of pain.

SHORT ESSAY

6 X 10 = 60 Marks

3. Explain general guidelines in soft tissue injury and rheumatology care.
4. Explain principles of pediatric physiotherapy and any one neurological approach in detail.
5. Burns rehabilitation protocol
6. Discuss the significance of yoga in physiotherapy.
7. Importance of motor learning theories in neurological rehabilitation
8. Write a note on monitoring systems and artificial respirators

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Preethi 16MT280

Rajiv Gandhi University of Health Sciences

Master of Physiotherapy Degree Examination – SEP-2018

[Time: 3 Hours]

[Max. Marks: 100]

**Principles of Physiotherapy Practice, Research Methodology and Biostatistics,
Exercise Physiology, electrophysiology**

Q.P. CODE: 8121

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary. Answer all questions

LONG ESSAY

2 X 20 = 40 Marks

1. Discuss the ethical principles in an Institution, Hospital and community.
2. Explain the environmental factors that influence on various systems of the body during performance.

SHORT ESSAY

6 X 10 = 60 Marks

3. Explain the importance of International Classification of functioning Disability and Health in documentation of patient management.
4. Explain Delphi process.
5. Explain the anatomy and physiology of peripheral nerve, muscle and neuromuscular junction with their clinical implications.
6. Explain in detail Chi-square test. Add a note on its significance in statistics.
7. Explain muscle plasticity in response to neuromuscular electrical stimulation.
8. Explain the environmental factors that influences on performance.

⑧ Explain the different methods of
fatigue assessment.
