Rajiv Gandhi University of Health Sciences, Karnataka

Second Year Master of Physiotherapy Degree Examination – 27-Oct-2026

[Time: 3 Hours] **[Max. Marks: 100]**

Applied Anatomy, Physiology and Biomechanics in Pediatrics - Paper-II (RS-4)

Q.P. CODE: 8139

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

Answer All The Questions **10 X 10 = 100 Marks**

1. Explain in detail about National immunization schedule for infants and children less than five years.
2. What are the different types of reflexes? Explain primitive neonatal reflexes.
3. Explain physiological and behavioural response of newborn to pain.
4. Describe in detail embryological development of heart.
5. Mention Anthropometric changes of an Infant during first postnatal year.
6. Explain Piaget's theory of cognitive development from infancy to adulthood in detail.
7. Illustrate development of prehension & manipulative skills of hand in children.
8. Explain motor control theories with limitations.
9. Discuss bladder, bowel dysfunctions in spina bifida.
10. Summarize your understanding in developmental coordination disorder.

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