

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination - Aug 2013

Time: Three Hours

Max. Marks: 100 Marks

CARDIORESPIRATORY & GENERAL PHYSIOTHERAPY

(RS-3 & RS-4)

Q.P. CODE: 2718

Your answers should be specific to the questions asked

Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two)**2 x 10 = 20 Marks**

1. A 10 year old child diagnosed with bronchial asthma is dyspneic is unable to complete 6 minute walk test. Write a detailed pulmonary rehabilitation for him.
2. Elaborate phases of cardiac rehabilitation for a 55 year old obese patient who has undergone coronary artery bypass graft.
3. Elaborate antenatal assessment and management for a 28 year old primi gravida.

SHORT ESSAYS (Answer any Twelve)**12 x 5 = 60 Marks**

4. Classify peripheral vascular diseases. Write PT management for any one of them.
5. Explain the various electrotherapy and exercise therapy measures used in stress incontinence.
6. Write a detailed PT management in case of right pleural effusion who is on intercostal drainage.
7. Define oxygen therapy. Explain methods of providing oxygen therapy to patients.
8. Explain the Scar management following burns.
9. Define and classify ulcers. Give a PT management for a patient following venous ulcer at the right lateral malleolus.
10. What are the anatomical and physiological differences between adult and pediatric respiratory system?
11. What are the means of assessing exercise tolerance for a patient with cardiac disease? Explain any one in detail.
12. *What is arterial blood gas analysis? Add a note on respiratory acidosis and alkalosis.*
13. What are the various methods used to assess the body composition?
14. What are the types of emphysema? Explain the PT management.
15. What is role of the physiotherapist for a patient following lobectomy?
16. Explain the various methods used to remove secretions.
17. What are the neuro-physiological facilitation techniques used to improve respiration?

SHORT ANSWERS**10 x 2 = 20 Marks**

18. Define wheeze and crackles.
19. Define pulmonary rehabilitation.
20. Cardiac tamponade
21. Any 4 complications of ventilators
22. Any 4 precautions for diabetic foot
23. Autogenic drainage
24. What is diastasis pubis?
25. What is target heart rate?
26. What is paradoxical breathing?
27. Two indications of PFT
