

Rajiv Gandhi University of Health Sciences Karnataka

Year B.P.T. Degree Examination SEP 2016

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. What is Interstitial lung disease? Write assessment, short and long term goals and management of

patient having interstitial lung disease.

2. What are the different phases of cardiac rehabilitation? Write in detail about the physiotherapy management for all the phases.

3. Stable COPD patient enrolled to exercise training on OPEC basis. Write about the outcome measures used, exercise prescription and exercise programme for the patient.

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

4. Describe in brief about the physiological basis of incentive spirometry. Write its indication,

contraindication, complication and implementation.

5. A 150yrs old COPD patient with acute exacerbation having breathlessness is admitted in ward on oxygen therapy. Write physiotherapy management of this patient.

6. What is manual hyperinflation? Write about its physiological use, indication, complication and implementation.

7. 45yrs old patient having bronchopneumonia of right lower and middle lobe with sepsis is in ICU. Patient is on ventilator, SIMV mode and conscious, Write the physiotherapy management of the patient.

8. Enlist the problems and management of a woman 55yrs old having 2nd degree uterine prolapse,

9. Describe the principles of neuromuscular facilitation in respiration. Write indication and list them and mention the effect of each technique.

10. Describe the X-ray findings of Right pleural effusion. Write the management of the patient with Intercostal Drainage.

11. Write in detail about the mechanical and physiological difference between obstructive and restrictive lung disease.

12. Briefly describe the abnormal breathing patterns.

13. Patient having venous ulcer on the medial side of the ankle, Write the assessment and physiotherapy management for the patient.

14. What are the complications of oxygen therapy? Explain in detail.

15. Write exercise prescription for a 50yrs old obese patient with hypertension.

16. What is exercise testing? Name two Field test used for cardiopulmonary patients. Explain one in detail.

17. Write about Active Cycle of Breathing Technique.

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

18. What is Atelectasis? Mention its types,

19. List bronchial hygiene techniques.

20. What is hypoxic drive?

21. Write MRC grading.

22. Write the grades of COPD.

23. What is intermittent claudication? Mention the cause.

24. Write about Burger's exercise.