

**Rajiv Gandhi University of Health Sciences, Karnataka**  
III Year B.P.T. Degree Examination – AUG/SEP 2016

**Time: Three Hours**

**Max. Marks: 80 Marks**

**GENERAL MEDICINE**  
**(RS-3 & RS-4)**

**Q.P. CODE: 2714**

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. Define bronchial Asthama. Write a note on its types, clinical features and management
2. Definition, classification, etiology, pathogenesis and management of diabetes mellitus.
3. Describe in detail causes, classification, assessment and management for Hypertension.

**SHORT ESSAYS (Answer any Eight)**

**8 x 5 = 40 Marks**

4. Tetology of fallot
5. Management of syphilis
6. Goiter
7. Wilson disease
8. Varicose vein
9. Gastroenteritis
10. Blue boater and pink puffer
11. Define cyanosis. Mention its causes
12. Types of obesity
13. Sources and spread of infection

**SHORT ANSWERS**

**10 x 2 = 20 Marks**

14. BCG Vaccine
15. Mention 4 causes of DVT
16. Name 2 laboratory tests of diagnose HIV
17. Name four hypoglycemic agents
18. Causes of dysphagia
19. Four consequences of malabsorption syndrome
20. Classification of pneumothorax
21. Grades of clubbing
22. Cardiac arrest
23. Define autism.

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III Year B.P.T. Degree Examination - SEP -2016

Time: Three Hours

Max. Marks: 80 Marks

## GENERAL SURGERY (RS-3 & RS-4)

**Q.P. CODE: 2715**

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. Define Empyema Thoracis? Discuss in detail the clinical features, diagnosis and choice of management for the same.
2. Classify congenital heart disease. What are the clinical features and management of Tetralogy of Fallot
3. Write an essay on etiology and pathogenesis of Atherosclerosis

### SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

4. Mastectomy
5. Prostatectomy
6. Types of skin graft
7. Menopause
8. Write a note on maternal changes in Pregnancy
9. Ptosis and its management
10. Otosclerosis
11. Varicose veins
12. Thoracotomy-definition & types of incisions
13. Lungs abscess

### SHORT ANSWERS

10 x 2 = 20 Marks

14. Enumerate chest wall deformities
15. Biopsy - types
16. Causes of airway obstruction
17. Name any four congenital heart disorders
18. Complications of heart transplant
19. What is CABG
20. Raynauds phenomenon
21. Colposcopy
22. Iritis
23. Types of scar

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# Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – SEP-2016

Time: Three Hours

Max. Marks: 80 Marks

## ORTHOPAEDICS AND TRAUMATOLOGY (RS-3 & RS-4)

**Q.P. CODE: 2716**

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. Describe fracture healing in cortical and cancellous bone. Describe causes and management of Malunion of # tibia.
2. Define spinal canal stenosis. Describe its causes, clinical features, investigations and its management.
3. Cerebral palsy- describe etiology, classification and diagnosis. Outline the management of knee deformities in CP.

### SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

4. Claw hand.
5. Erb's palsy.
6. Ankylosing Spondylitis.
7. Abductor mechanism of hip.
8. Anterior knee pain in athletes.
9. Quadriceps contracture.
10. Physiotherapy for adhesive capsulitis of Shoulder.
11. Mallet finger.
12. Pulsed electromagnetic therapy.
13. Gas gangrene.

### SHORT ANSWERS

10 x 2 = 20 Marks

14. VIC.
15. Osteomalacia.
16. Foot drop.
17. Jones fracture.
18. Knee stiffness.
19. Monteggia fracture.
20. Torticollis.
21. Osteosarcoma.
22. Klumpke's palsy.
23. Tourniquet.



**Rajiv Gandhi University of Health Sciences, Karnataka**  
III Year B.P.T. Degree Examination - SEP - 2016

**Time: Three Hours**

**Max. Marks: 100 Marks**

**ORTHOPAEDICS & SPORTS PHYSIOTHERAPY**  
**(RS-3 & RS-4)**

**Q.P. CODE: 2717**

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. Define TKR. Plan your PT assessment and management for the same.
2. Define lumbar spondylosis and explain in detail about PT management for the same.
3. Define poliomyelitis its types, clinical features and PT management following surgical corrections.

**SHORT ESSAYS (Answer any Twelve)**

**12 x 5 = 60 Marks**

4. Carpal tunnel syndrome
5. Stump care and Bandaging
6. Scaphoid fracture and its PT management
7. Upper limb tension testing
8. Osteomyelitis
9. PT management following Hamstring strains
10. Plantar fasciitis
11. Orthotic modifications for CTEV
12. Stages of Fracture healing
13. Periarthritic shoulder
14. PT management following Radial nerve injury
15. Torticollis
16. Explain in detail about diagnostic testing of Bicipital tendonitis
17. PT management following Tendon transfers in leprosy

**SHORT ANSWERS**

**10 x 2 = 20 Marks**

18. Mallet finger
19. Diagnostic criteria for Rheumatoid arthritis
20. Mention the grades of Nerve Injury
21. Two tests for Thoracic outlet syndrome
22. Tinel sign
23. Name any two Indications and contraindications of Mobilization
24. Name any two radiological features of osteomyelitis
25. Arthrodesis
26. Name the components of Fitness
27. Plumb line

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III Year B.P.T. Degree Examination - SEP 2016

Time: Three Hours

Max. Marks: 100 Mark

## 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 OPD 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 60yrs 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 women 55yrs old having 2<sup>nd</sup> 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 plural 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.
25. What is Cor pulmonale?
26. Write about the significance of changes of ST segment in ECG.
27. What are the causes for skeletal muscle dysfunction in COPD?

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