

# Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination – APRIL 2015

**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. Classify Hypertension. Add a note on clinical features and management.
2. Mention in detail about causes, Pathology, clinical features and management of Hepatitis B.
3. Define bronchial Asthma. Write a note on its clinical features, complications and management.

### SHORT ESSAYS (Answer any Eight)

**8 x 5 = 40 Marks**

4. Goiter
5. Raynauds disease
6. Acute cholecystitis
7. Stages and management of OP poisoning
8. Psoriasis
9. Hemophilia
10. Chronic complications of diabetes mellitus
11. Myocarditis
12. Gastroenteritis
13. Anxiety disorders-classification and management.

### SHORT ANSWERS

**10 x 2 = 20 Marks**

14. BCG Vaccine
15. Define Bronchiectasis
16. Kwashiorkor
17. Widal test
18. Four causes of developmental delay
19. Two causes of transudate types of pleural effusion
20. Acne vulgaris
21. Definition of Wilsons disease
22. Classification of pneumothorax
23. Types of gall stones

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## 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. Describe etiology, pathogenesis and surgical management of varicose veins.
2. What is CABG? What are indications and complications of CABG?
3. Write an essay on abdominal incisions.

### SHORT ESSAYS (Answer any Eight)

**8 x 5 = 40 Marks**

4. Deep venous thrombosis
5. Aneurysm
6. Sterility
7. Glaucoma
8. Acute otitis media
9. Gastrectomy
10. Types of skin flap
11. Pneumonectomy
12. TNM staging of Lung cancer
13. Hemothorax

### SHORT ANSWERS

**10 x 2 = 20 Marks**

14. What is Broncho pleural fistula?
15. What is pulmonary embolism?
16. What is coarctation of aorta?
17. Causes of airway obstruction
18. Raynauds phenomenon
19. Colposcopy
20. Decortication
21. Endoscopy types
22. What is Aortic disruption?
23. What is biopsy?

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## 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. Explain Mechanism of injury, clinical features and management of 3 part fracture of humerus.
2. Discuss the etiology, clinical features, medical and surgical management of CTEV.
3. Classify bone tumours. Explain clinical features, medical and surgical management of Giant Cell Tumour.

### SHORT ESSAYS (Answer any Eight)

**8 x 5 = 40 Marks**

4. CT scan and MRI
5. Clinical features and management of Hangman's fracture
6. Causes, clinical features and management of Osteoporosis
7. Ankle sprain
8. Student's elbow
9. Vertebro-basilar syndrome
10. Spinal stabilization surgeries
11. Crush injuries of hand
12. Recurrent dislocation of patella
13. Torticollis

### SHORT ANSWERS

**10 x 2 = 20 Marks**

14. Four deformities in RA
15. Mc Murrays test
16. Four complications of fracture
17. Sequestrum
18. Explain any one test performed in Thoracic Outlet Syndrome
19. Dermatome and Myotome
20. Skeletal traction
21. Bennet's fracture
22. Contractures
23. Myositis ossificans

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# Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.P.T. Degree Examination - APRIL - 2015

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. Write in detail the physiotherapy management following fracture shaft of femur. What are the common complications seen in this condition.
2. 20 year old student presents with thoracic outlet syndrome. What would be the common postural abnormalities seen and how will you manage the same.
3. Physiotherapy assessment and management of recurrent dislocation of shoulder

### SHORT ESSAYS (Answer any Twelve)

12 x 5 = 60 Marks

4. Describe fracture healing. Mention the common complications of fractures.
5. Limb length discrepancy causes & it's methods of assessment.
6. Indications and contraindications of maitland's mobilization
7. Exercise program for ankylosing spondylitis.
8. Physiotherapy management of perthes disease
9. Physiotherapy assessment of TB spine
10. Define CTEV. Write in brief the surgical management for the same.
11. What are the common deformities seen in poliomyelitis? Explain.
12. What are the causes and management of phantom pain?
13. Physiotherapy management of spinal canal stenosis
14. Plantar fasciitis – causes and management
15. What are the complications of scaphoid fracture? Write the PT management of scaphoid fracture after removal of P.O.P.
16. Name and Describe in detail any two tests to diagnose meniscal injury.
17. Pathogenesis of complex regional pain syndrome

### SHORT ANSWERS

10 x 2 = 20 Marks

18. Volkmann's ischemic contracture
19. Classify fractures of the pelvis.
20. Dysfunction syndrome of Mckenzie's concept
21. Clinical features of gout.
22. Genu recurvatum – causes.
23. Froment's sign.
24. Roos test
25. Excision arthroplasty of hip – indications
26. Prosthetic knee joint
27. Functional cast bracing.

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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. Describe in detail the cardiac rehabilitation program for a patient who has undergone CABG.
2. Explain in detail the physiotherapy management methods to increase lung volume.
3. Classify Burns and explain the physiotherapy management and rehabilitation of a 30 year old man with burns on the anterior aspect of neck and chest.

### SHORT ESSAYS (Answer any Twelve)

12 x 5 = 60 Marks

4. Active cycle breathing technique
5. Physiotherapy management of leprosy patient with bilateral claw hands
6. Highlight the contrast in parameters of PFT between obstructive and restrictive conditions.
7. Define bronchiectasis and give physiotherapy management of the same.
8. Explain the various modes of mechanical ventilator.
9. Physiotherapy management after explorative laprotomy
10. Physiotherapy management for varicose veins
11. Elaborate the physiotherapy management for stress incontinence.
12. Explain physiotherapy management for a patient who has undergoes left sided pneumonectomy.
13. Exercise prescription for diabetes patient.
14. Write a note on chest manipulations.
15. List the complications after general anaesthesia and explain the physiotherapy management for the same.
16. Breathing exercises, types and physiotherapy effects.
17. What is a humidifier? Discuss the different types of humidifiers.

### SHORT ANSWERS

10 x 2 = 20 Marks

18. Define autogenic drainage.
19. What is paroxysmal nocturnal dyspnoea?
20. List down four effects of anesthesia on cardio respiratory system.
21. Brief out precautions during suctioning.
22. What is pulse oximetry?
23. Skinfold measurement
24. Oral endotracheal tube-advantages and disadvantages
25. Define PEEP.
26. Positions to reduce work of breathing,
27. Write any two physiological differences between adult lung and paediatric lung.

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