

**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH**

**(A DEEMED TO BE UNIVERSITY)**

**Bachelor of Physiotherapy, Semester-V**

**January-2019 Examination.**

**TIME – 2.30 HRS**

**MAX MARKS:80**

**Clinical Orthopedics, traumatology & Rheumatology**

**Q.P Code: PT113**

*Your answers should be specific to questions asked.*

*Draw neat labelled diagrams wherever necessary.*

**LONG ESSAY (Answer any Two)**

**2 X 10 = 20 Marks**

1. Describe the classification of epiphyseal injuries and its complications. How will you manage a case of compound Type IV epiphyseal injury of distal femur in a 12 year old boy?
2. What are the principles of tendon transfers? How will you manage a case of Ulnar claw hand?
3. Describe the aetiopathogenesis, classification, diagnosis of spondylolisthesis? How will you manage a case of Gr III spondylolisthesis of L4 - L5 with cauda equina lesion?

**SHORT ESSAY (Answer any Six)**

**6X 5 = 30 Marks**

4. Explain Staging of malignant bone tumors?
5. Discuss Perthes disease?
6. Describe Osteosarcoma?
7. What are the Arches of the foot and types in detail?
8. What are the clinical features of Tuberculosis of spine?
9. Describe Daycare surgical procedures in orthopedics?
10. Discuss Madelung deformity?
11. Define Bone cement and its uses?

**SHORT ANSWER (Answer any Ten)**

**10 X 3 = 30 Marks**

12. What is SOMI brace?
13. Explain Jaipur foot?
14. Define Mallet finger?
15. Discuss Sprains and strains?
16. What is Phantom limb pain?
17. Define Wrist drop?
18. Explain Gout?
19. What are Steroids using in orthopedics?
20. Explain Skeletal traction with diagram?
21. Describe Thomas splint with diagram?
22. Discuss Dupuytren's contracture?
23. What is TBW tension band wiring?

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**January-2019 Examination.**

**TIME – 3 HRS**

**MAX MARKS:100**

**Physiotherapy in Cardio Respiratory & General Conditions**

**Q.P Code: PT114**

*Your answers should be specific to questions asked.*

*Draw neat labelled diagrams wherever necessary.*

**LONG ESSAY : (Any two)**

**2 X 10 = 20 Marks**

1. A 40 year old man, who has undergone right lower lobe lobectomy due to bronchiectasis. He is admitted in general ward with complains of dyspnea of grade 3/5 and copious sputum .Write the goals and physiotherapy management. (3 + 7 = 10)
2. 25 years old male who had sustained chemical burns involving the face and chest, admitted in burns ward, having 30% Burns of 2<sup>nd</sup> degree. Write Short term Goals and Physiotherapy management for the same.( 3 +7 = 10)
3. A 49 years old male posted for Coronary Artery Bypass Graft. He is a known smoker for past 29 years. Explain the role of physiotherapy in managing this patient. (pre and post operative management. ( 4+6 = 10)

**SHORT ESSAY : (Any ten)**

**10 X 5 = 50 Marks**

4. Enumerate the Bronchial Hygiene techniques and explain any one in detail.
5. Write a short note on Glosso Pharyngeal breathing.
6. Explain in detail the assessment of Breathing pattern.
7. Describe rate of perceived exertion and give the types of scale with description.
8. Describe the indications and complications of Oxygen therapy.
9. Physiotherapy treatment after mastectomy.
10. Define ulcer, briefly describe the physiotherapy managements of bed sore.
11. Write a note on weaning from ventilators.
12. Explain in detail various Chest Manipulation.
13. Indications and contra indications for pulmonary function testing.
14. List out PNF respiration technique and describe any two.
15. Difference between blue bloaters and pink buffers.

**SHORT ANSWER: (Any ten)**

**10 X 3 = 30 Marks**

16. Write a short note on Allen's exercise.
17. List out the MRC grades of dyspnea.
18. What is atelectasis? Mention its types.
19. Enumerate the normal values of Arterial blood gas analysis.
20. Write the significance of ST segment in ECG.
21. What is Cor-pulmonale.
22. Describe trial sign.
23. Explain Nocturnal dyspnea.
24. Describe Homan's sign.
25. Explain Ventilation /Perfusion Ratio.
26. Enumerate the complications of Intercostal Drainage.
27. Write a short note on nasal prongs.