

**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH
(A DEEMED TO BE UNIVERSITY)**

Bachelor of Physiotherapy

Third Year Semester-V, February-2020 Examination.

Time – 3 Hrs.

Max Marks:100

Physiotherapy in Cardio Respiratory & General Conditions

Q.P Code: B5130

Your answers should be specific to questions asked.

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LONG ESSAY (Answer any Two)

2 X 10 = 20 Marks

1. A 58 year old male post CABG who is known smoker for 29 years. Explain the role of physiotherapy post cardiac surgery
2. Explain postural drainage for each segment with suitable diagram
3. Explain the physiotherapy rehabilitation of a 40 year old female, who has undergone right lower lobe lobectomy due to bronchiectasis

SHORT ESSAY (Answer any Ten)

10 X 5 = 50 Marks

4. Describe the techniques of PNF chest
5. List the difference between flutter and acapella
6. Discuss the types and indication of humidifier
7. Discuss any one technique of lung expansion therapy
8. Discuss the monitoring and role of physiotherapy in ICU
9. Discuss the steps and indications of suctioning
10. Discuss the physiotherapy management for 50 year old women who had undergone radical mastectomy.
11. Discuss the physiotherapy management for breathlessness
12. Discuss the physiotherapy management for burns
13. Discuss the various steps of autogenic drainage
14. Discuss the different oxygen delivery systems
15. Discuss the biomechanics of thorax

SHORT ANSWER (Answer any Ten)

10 X 3 = 30 Marks

16. List the different types of ventilators
17. List the difference between huff and cough
18. Write a note on decortication
19. Write any two anatomical differences between adult lung and pediatric lung
20. List the pathology for tracheal shift to the same side
21. List the different deformities of chest wall
22. List 5 indications of IPPB
23. What is PUVA
24. List the drugs used to inhibit cough
25. List the conditions where a dull note is heard during percussion
26. What is trill sign
27. What is ankle brachial index

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Bachelor of Physiotherapy (CBCS), Third Year Semester-V
February – 2020 Examination.

Time: 3 Hrs.

[Max. Marks: 80]

Clinical Orthopedics, traumatology & Rheumatology
Q.P Code: B5140

Your answers should be specific to the questions asked.
Draw neat labelled diagrams wherever necessary.

Long Essay (Answer any Two)

2 X 10 = 20 Marks

1. Classify posterior dislocation of hip. Describe the management of Thompson Epstein type III and IV in a young adult?
2. Define ankle ligaments and classification of ankle injuries. Clinical features, diagnosis and management of ankle sprain?
3. Classification of proximal humerus fractures. How will you treat a three part and four-part fracture of proximal humerus in a 55 year old gentleman?

Short Essay (Answer any Six)

6X 5 = 30 Marks

4. Classification of Acromioclavicular joint injuries?
5. Describe the blood supply of neck of femur and its head with diagrams?
6. Bone screws parts in detail with diagrams?
7. Classify nerve injuries. Write briefly about their prognosis?
8. Classification of posterior dislocation of hip with diagrams and explain three popular methods of closed reduction of hip joint?
9. What is Bohler's angle and Gissane angle?
10. Draw the classifications of neck of femur?
11. Explain Fractures of the olecranon?

Short Answer (Answer any Ten)

10 X 3 = 30 Marks

12. Explain skin traction, skeletal traction?
13. Draw the clavicle with its muscle attachments?
14. Describe Morel-Lavallee lesion?
15. What is Lunate dislocation?
16. Explain Herbert screws?
17. Define Hawkins sign?
18. What is Plantar fasciitis?
19. How to do Empty can test?
20. Define Neuropraxia?
21. What is Rule of two in principles of fractures?
22. Define Colles fracture and its displacements?
23. Describe Ankle sprain?

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Bachelor of Physiotherapy
Third Year Semester – V, February – 2020 Examination.

Time: 2:00 Hrs.

Max Marks: 40

Exercise Physiology, Health & Fitness
Q.P Code: B5150

Your answer should be specific to the question asked.
Draw neat labeled diagrams wherever necessary

LONG ESSAY

1 X 10 = 10 Marks

1. 40 year old man who is a known case of type 2 diabetes mellitus plan an exercise prescription protocol for this patient.

SHORT ESSAY (Answer any Three)

3 X 5 = 15 Marks

2. Describe the sub maximal exercise testing protocol
3. Describe the cardiopulmonary risk stratification
4. Enumerate the indications, contraindications and uses of exercise prescription
5. Explain the factors affecting exercise performance

SHORT ANSWER (Answer any Five)

5 X 3 = 15 Marks

6. What is an overload principle
7. What is a conditioning phase
8. What is Fartlek training
9. List the metabolic effects during exercise
10. What is the reversibility principle
11. List the musculoskeletal deformities to exercise
