

**Final Year B.Physiotherapy Examination  
Physiotherapy in Orthopaedic Condition**

**Date : 23-07-2019, Tuesday]**

**[Time : 3 Hours**

**[Max. Marks : 80**

- Instructions :** (1) Figure to the right indicates marks.  
(2) Draw diagram wherever necessary.  
(3) Write legibly.  
(4) Use separate answer books for each section.

**Section I**

**Q1) Long Answer Type**

**1 X 15 = 15**

A 56-year-old lady, sustained fracture neck femur during fall in bathroom. She was operated for Left Hip Replacement, 2 days back. She is a roti-maker by occupation for 30 years. She has mild pain at the operated hip (4/10 NPRS). Discuss the assessment and physiotherapy management.

**OR**

A 45-year-old male, clerk by occupation, is suffering from pain in the neck radiating to the left upper limb. He C/O tingling numbness in the fingers. Upper limb tension test & Spurling's test is positive. Discuss physiotherapy assessment and management. Also discuss the importance of ergonomics in managing this patient.

**Q2) Short notes (3 out of 4)**

**3 X 5 = 15**

1. Aims of Physiotherapy management of Plantar fasciitis
2. Define Osteoporosis? Mention risk factors for development of the same
3. Write about Lumbar Core strengthening exercises
4. Levels of amputation in lower limb

**Q3) Short notes (Any 2 out of 3)**

**2 X 5 = 10**

1. Orthosis for distal nerve injuries in the Upper limb
2. Joint protection program in Rheumatoid Arthritis
3. Exercises post Total Knee Replacement

**[P.T.O.]**

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Section II

**Q-4 Long Answer Type:**

**1 X 15 = 15**

A 50-year-old lady, comes with chief C/O pain in the right shoulder (NPRS 6/10) since 8 months. She is a diabetic since 10 years. She demonstrates capsular pattern of restriction of the shoulder. Discuss assessment and management.

**OR**

A 17-year-old boy, district level football player, comes with chief C/O pain (NPRS 4/10) in the lateral aspect of the left ankle after fall 2 weeks back while playing. O/O he also has a mild swelling at the lateral aspect of the ankle. He has bilateral flat feet (L>R). He also has affection in the ankle proprioception.

Discuss functional diagnosis. Discuss the short and long term management (4+6+5=15 mks)

**Q-5 Short notes (3 out of 4)**

**3 X 5 = 15**

1. Exercises in Anterolisthesis with rationale
2. PT management after Common Peroneal nerve palsy
3. PT management of De Quervains
4. Aims of management of acute mild hamstring strain

**Q-6 Short notes (Any 2 out of 3)**

**2 X 5 = 10**

1. Physiotherapy treatment for Lumbar Prolapsed Intervertebral Disc
  2. Exercises for Ankylosing Spondylitis
  3. PT management of Tennis elbow
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**Final Year B.Physiotherapy Examination**  
**Physiotherapy in Neuromuscular Condition**

**Date : 25-07-2019, Thursday]**

**[Max. Marks : 80**

**[Time : 3 Hours**

- Instructions :** (1) Figure to the right indicates marks.  
(2) Draw diagram wherever necessary.  
(3) Write legibly.  
(4) Use separate answer books for each section.

SECTION 1

Q. I Describe the types of multiple sclerosis. Write physiotherapy management of a patient suffering from multiple sclerosis. 15 Marks

OR

Q.1 Write assessment and physiotherapy management in Friedriech's ataxia.

15 Marks

Q. 2 Short Notes (any three )

15 Marks

- a) Management of Bell's palsy
- b) Gait training in Parkinson's disease
- c) Bobath technique
- d) EMG findings in myopathy

Q.3 Write Short Notes on (any two )

10 Marks

- a) Claw hand
- b) Sit to stand training in stroke patient
- c) Orthotic management in pott's spine

**[P.T.O.]**

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SECTION 2

Q. 4 Describe the clinical features of Motor Neuron disease. Write physiotherapy management of amyotrophic lateral sclerosis. 15 Marks

OR

Q.4 Discuss the role of a physiotherapist in patients with head injury . 15 Marks

Q. 5 Short Notes (any three) 15 Marks

- a) Bed sore prevention and management
- b) Nerve conduction studies in peripheral neuropathy
- c) Types of spina bifida
- d) Assessment of Erb's palsy

Q.6 Write Short Notes (any two) 10 Marks

- a) Perceptual disorders in CNS lesion
  - b) Guidelines of physiotherapy management in brain tumour
  - c) Assessment of Guillain Barre syndrome
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## Final Year B.Physiotherapy Examination

## Physiotherapy in General Medical &amp; Surgical Conditions

Date : 31-07-2019, Wednesday]

[Max. Marks : 80

[Time : 3 Hours

- Instructions :** (1) Figure to the right indicates marks.  
 (2) Draw diagram wherever necessary.  
 (3) Write legibly.  
 (4) Use separate answer books for each section.

## SECTION – I

- Q.1 How will you manage a 25 years old lady with 45% second degree burn on chest, neck and both upper extrimites? 15
- or
- Q.1 Discuss role of physiotherapy in child bearing stages. 15
- Q.2 Write notes on (3 out of 4) 15
1. Early intervention
  2. PUVA therapy
  3. Skin grafts
  4. Role of physiotherapy post appendicectomy
- Q.3 Write notes on (2 out of 3) 10
1. Lymphedema
  2. Stress incontinence
  3. Role of physiotherapy in depression

## SECTION – II

- Q.4 Enumerate postoperative upper abdominal surgeries' complications and discuss role of physiotherapy for the same. 15
- or
- Q.4 Discuss physiotherapy management for a 45 years old woman who had undergone radical mastectomy. 15
- Q.5 Write notes on (3 out of 4) 15
1. Fall prevention strategies for elderly
  2. Electrotherapeutic modalities for wound healing
  3. Neuromuscular and Cardiopulmonary changes due to ageing
  4. Chronic suppurative otitis media
- Q.6 Write notes on (2 out of 3) 10
1. Abdominal incisions
  2. Diastasis recti
  3. Physiotherapy post caesarian section



**Final Year B.Physiotherapy Examination**  
**Physiotherapy in ~~Neuromuscular~~ Cardio-pulmonary Condition**

Date : 29-07-2019, Monday]

Cardio-pulmonary

[Max. Marks : 80

[Time : 3 Hours

- Instructions :** (1) Figure to the right indicates marks.  
 (2) Draw diagram wherever necessary.  
 (3) Write legibly.  
 (4) Use separate answer books for each section.

**SECTION I**

- Q-1** Discuss Physiotherapy techniques for airway clearance. Add a note on mechanical aids used to maintain broncho-pulmonary hygiene. (15 marks)

**OR**

Pulmonary rehabilitation in Occupational Lung Disease (15 marks)

- Q-2** Write short notes on **Any Three** (5X3= 15 Marks)

- Role of Physiotherapy during various stages of Pulmonary Pneumonia
- Exercise induced asthma
- Respiratory Muscle Training in COPD
- PT management for a patient on Intercostal Drainage for Hydropneumothorax

- Q-3** Write short notes on **Any Two** (5X2= 10 Marks)

- Importance of Arterial Blood Gases in Respiratory Failure.
- BORG Scale.
- Pathological breath sounds.

**SECTION II**

- Q-4** Describe the non-invasive investigations done for peripheral arterial disease (15 marks)

**OR**

Discuss cardiac rehabilitation in Rheumatic Valve Disease (15 marks)

- Q-5** Write Notes on **Any 3** 5X3 =15Mks

- Write a note on types of bundle branch blocks
- Tetralogy of Fallot.
- Importance of Blood markers following Myocardial Infarction for planning Rehab.
- Pre-Operative Physiotherapy of CABG.

- Q-6** Write Notes on **Any 2** 5 X2=10Mks

- ECG changes in Myocardial Infarction
- Write a note on the long term cardiovascular response to aerobic exercise
- Exercise Stress Testing.





**Final Year B.Physiotherapy Examination**  
**Physiotherapy and Rehabilitation**

**Date : 05-08-2019, Monday]**

**[Max. Marks : 40**

**[Time : 2 Hours**

- Instructions :** (1) Figure to the right indicates marks.  
(2) Draw diagram wherever necessary.  
(3) Write legibly.

**Question: 1 Long Essay (Any One)**

(15 Marks)

What is rehabilitation? Describe its types. Explain need of CBR (Community Based Rehabilitation) in India with its principles and step for implementation.

OR

What is impairment? Explain Types of disability. Write down disability evaluation in detail.

**Question: 2 Write short note: (Any three)**

(15 Marks)

- A. Explain different vocational rehabilitation models in detail.
- B. What is health promotion? Explain it with its principles.
- C. Explain bio-mechanical principles of Orthosis
- D. Trans-tibial prosthesis check-out.

**Question: 3 Write short note: (Any two)**

(10 Marks)

- A. Describe prescription of wheelchair and parts of wheelchair.
  - B. Ethics in Physiotherapy.
  - C. Differences between Orthosis and Prosthesis
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