

**Third Year B. Physiotherapy Examination**  
**Physical and Functional Diagnosis**

Date : 05-07-2022, Tuesday]

[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**

**(40 Marks)**

Q-1 Explain in detail about PFT, and its analysis in obstructive and restrictive disorder?

**(15 marks)**

OR

Q-1 Discuss cranial nerve examination in detail?

Q-2 Write Short notes (3 out of 4)

**(15 Marks)**

- A) List any 3 Brainstem level reflex
- B) Arterial blood gas analysis
- C) Assessment of hand grip
- D) Voluntary muscle grading

Q-3 Write Short notes (2 out of 3)

**(10 Marks)**

- A) Neural control of bladder
- B) Pathological investigations of musculoskeletal disorders
- C) Interpretation and significance of spirometry

**Section 2**

**(40 Marks)**

Q-4 Describe the different stages in intervertebral disc degeneration with physical therapy assessment of Cervical Spondylosis

**(Marks 15)**

OR

Q-4 Explain in detail principles of manual muscle testing. Describe MRC grading of MMT. Discuss in brief about MMT of Lumbar flexors

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

**(Marks 15)**

- A) Exercise ECG testing?
- B) Special test for Rotator Cuff Injury
- C) Write a short note on Upper Cross Syndrome
- D) Grades for Dyspnoea

Q-6 Write Short Notes (2 out of 3)

**(Marks 10)**

- A) Write a brief note on Motor Unit Action Potential
- B) Chest X ray finding in COPD
- C) Write a note on Functional Independence Measure