

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.



(40 Marks)

Section 1

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

(Marks 15)

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

- 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