

AmbujaNeotia



**THE NEOTIA
UNIVERSITY**

ज्ञानम् आत्म प्रदीपाय

UGC Enlisted & Recognised

Department of Physiotherapy

School of Health Science

Bachelor of Physiotherapy

(BPT)

Physiology II

Practical Manual

Course Code: BPT 272

Certificate

This is to certify that Mr./Ms. with
UID number of Bachelor of
Physiotherapy Semester 2nd has satisfactorily completed the practical prescribed
by the Neotia University for the year

.....
Signature of Student

.....
Signature of Faculty

Date of Submission:

Practical Manual in Physiology,

BPT 2nd Semester

Course Code-272

Sl no	Experiment no	Name of the Experiment	Procedure
1	1	Examination of Radial Pulse	Principle, Procedure, Reporting, clinical importance.
2	2	Examination of neck vein (Internal Jugular vein)	Principle, Requirements, Procedure & observation
3	3	Examination of Arterial BP by sphygmomanometer	Principle, Requirements, Procedure & observation
4	4	Examination of Apex beat	Principle, Requirements, Procedure & clinical importance
5	5	Examination of Heart sound	Principle, Requirements, Procedure & observation
6	6	a) Stethography (Counting respiratory rate and study of effects of breath holding, deglutition, exercise on respiration. b) Examination of Chest (Inspection, Palpation, Percussion, Auscultation)	Principle, Requirements, Procedure & observation
7	7	Examination of sensory system (Touch, Pain, Temperature, Joint sense, Muscle sense, vibration sense)	Principle, Procedure, clinical importance.
8	8	Examination of Motor system (Testing muscle Power, nutrition, tone, Co-ordination, gait, abnormal movement)	Principle, Procedure, clinical importance.
9	9	Examination of Reflexes (Superficial reflex, Deep reflex)	Principle, Procedure & clinical importance.
10	10	Examination of cranial Nerves (Sensory, Motor, Mixed).	Principle, Procedure & result, utility.
11	11	Spirometry	Principle, Discussion of apparatus, Procedure Utility.
12	12	a) Exercise testing (Bicycle Ergometer) b) Treadmill (Study of effects of exercise on C V S)	Principle, Requirements, Description of apparatus, Procedure, results
13	13	Electrocardiography (ECG)	Principle, Description of apparatus, Procedure, Interpretation, utility of the experiment.

Reference books: 1) Manual of Practical Physiology- by Dr. A. K. Jain (ARYA PUBLICATION)

2) Practical Physiology—by N. Geeta (Jaypee Brothers)

3) Practical Physiology: by Kapoor (CBS Publication).

NB: All students and teachers must wear an apron, mask, gloves, and sanitize shoe in sanitary lotion or use separate shoes before entry in the laboratory. Strictly maintain social distance (6 ft. apart from each other) .Bags not allowed. Use an individual instrument after sanitization (Don't share it with others).

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