[LB 6257] **AUGUST 2012** **Sub. Code: 6257**

SECOND YEAR BPT EXAM

Paper III – EXERCISE THERAPY AND MASSAGE

Q.P. Code : 746257

Time: Three Hours **Maximum: 100 marks**

(180 Min) Answer ALL questions in the same order.

I. Elaborate on:	**Pages (Max.)**	**Time (Max.)**	**Marks (Max.)**
1. Analyze the movement and muscle involved in the following Position — movement High sitting — single knee lifting and lowering up to 90 degree Sitting — lifting arm in side way and dropping	19	33	20
2. List down the various type of pathological gaits seen in patients of post-polio paralysis. Discuss how you will re-educate the patient for correction towards proper gait pattern:	19	33	20

II. Write Notes on:			
1. How will be strengthen upper limb biceps muscle power 3 to muscle power 4.	3	8	5
2. Goniometer Evaluation.	3	8	5
3. Back massage.	3	8	5
4. Discuss briefly how will your measure for supply a pair of crutch.	3	8	5
5. Principal and laws related to hydrotherapy.	3	8	5
6. Divergent and convergent hacking.	3	8	5
7. Second order of lever with example.	3	8	5
8. Define gait, the various pathological gaits.	3	8	5

III. Short Answers :			
1. Balance.	1	5	2
2. Define suspension therapy.	1	5	2
3. Gait cycle.	1	5	2
4. Local relaxation techniques.	1	5	2
5. Contraindication for hydrotherapy.	1	5	2
6. Causes for balance disorder.	1	5	2
7. Parameters used in traction.	1	5	2
8. Vibratory manipulation.	1	5	2
9. Anatomical movement of shoulder joint.	1	5	2
10. Define stretching.	1	5	2

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