

# 2010 Scheme

QP CODE: 305014

Reg. No.....

## Third Year BPT Degree Supplementary Examinations November 2021

### Rehabilitation & Bio Engineering

Time: 3 Hours

Total Marks: 100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*

**Essays:**

**(2x14=28)**

1. Explain the steps involved in wheel chair prescription and vocational rehabilitation for a 35 years old male paraplegic. (7+7)
2. Define orthosis. Classify orthosis and explain the principles of orthotic prescription. (4+4+6)

**Short essays:**

**(4x8=32)**

3. Explain the functions of multilateral and bilateral agencies in rehabilitation.
4. Explain in brief various types of aphasia.
5. Write in brief about the measurement for elbow crutches.
6. What are the architectural barriers. Mention the steps involved in making an environment barrier free.

**Answer briefly:**

**(10x4=40)**

7. Tenodesis grasp
8. Enumerate crutch muscles.
9. Forequarter amputation
10. Pylon prosthesis
11. What is a reciprocal walking frame
12. Mention any four role of district rehabilitation centre.
13. Define impairment.
14. PWD Act
15. Indications for cock-up splint.
16. Drop lock

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