

2010 Scheme

QP CODE: 305014

Reg. No.....

Third Year BPT Degree Supplementary Examinations March 2022

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. Define prosthesis. Describe in detail about the rehabilitation (pre-prosthetic and prosthetic) of a 65 years old male trans-femoral amputee. **(4+10)**
2. Define rehabilitation. Mention the types of rehabilitation and explain role of any five team members in rehabilitation. **(4+5+5)**

Short essays: **(4x8=32)**

3. Explain the role of NGOs in rehabilitation.
4. Enumerate the criteria of an ideal stump.
5. Explain the importance of governmental policies in rehabilitation.
6. Mention the guidelines of disability evaluation.

Answer briefly: **(10x4=40)**

7. Mention the advantages of Jaipur foot.
8. Classify speech disorders.
9. Mention the parts of lower limb prosthesis.
10. What are the indications for a reclining wheelchair.
11. Define disability.
12. Mention the features of PWD Act.
13. Vocational rehabilitation
14. Kruckenberg amputation
15. Three-point pressure principle
16. Indication for knuckle bender splint
