

National Board of Examinations

Question Paper Name : DNB Physical Medicine and Rehabilitation Paper4
Subject Name : DNB Physical Medicine and Rehabilitation Paper4
Duration : 182
Total Marks : 100
Display Marks: No

Maximum Instruction Time : 0
Is Section Default? : No

Question Number : 1 Question Id : 32718745398 Consider As Subjective : Yes

Please write your answers in the answer booklet within the allotted pages as follows:-

Question Number	Answer to be attempted within	Question Number	Answer to be attempted within
Q. 1	Page 1-5	Q. 6	Page 26-30
Q. 2	Page 6-10	Q. 7	Page 31-35
Q. 3	Page 11-15	Q. 8	Page 36-40
Q. 4	Page 16-20	Q. 9	Page 41-45
Q. 5	Page 21-25	Q. 10	Page 46-50

1. Discuss rehabilitation robotics. [10]

Question Number : 2 Question Id : 32718745399 Consider As Subjective : Yes
ADIP scheme. [10]

Question Number : 3 Question Id : 32718745400 Consider As Subjective : Yes
Unique Disability ID project. [10]

Question Number : 4 Question Id : 32718745401 Consider As Subjective : Yes

Does task-specific treadmill training lead to better gait outcomes compared to overground walking therapy in spinal cord injury rehabilitation? Make a RCT protocol in accordance with CONSORT checklist. [10]

Question Number : 5 Question Id : 32718745402 Consider As Subjective : Yes

Discuss the use of mesenchymal stem cells in spinal cord injury rehabilitation. [10]

Question Number : 6 Question Id : 32718745403 Consider As Subjective : Yes

3D printing technology in prosthetic design and fabrication. [10]

Question Number : 7 Question Id : 32718745404 Consider As Subjective : Yes

Energy-storing prosthetic feet and dynamic response feet. [10]

Question Number : 8 Question Id : 32718745405 Consider As Subjective : Yes

a) Transcranial stimulation. [5]

b) Augmented reality in rehabilitation. [5]

Question Number : 9 Question Id : 32718745406 Consider As Subjective : Yes

Discuss the commonly used outcome measures and functional assessment scales in rehabilitation research. [10]

Question Number : 10 Question Id : 32718745407 Consider As Subjective : Yes

Assessment criterion for disability certification of LMN lower limb lesions. [10]