

National Board of Examinations

Question Paper Name :	DNB Physical Medicine and Rehabilitation Paper4
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DNB Physical Medicine and Rehabilitation Paper4

Group Number :	1
Group Id :	3271872035
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Group Marks :	100
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No

DNB Physical Medicine and Rehabilitation Paper4

Section Id :	3271872038
Section Number :	1

Section type :	Offline
Mandatory or Optional :	Mandatory
Number of Questions to be attempted :	10
Section Marks :	100
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	3271872042
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 32718719992 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

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. Indications, side effects and limitations of transcranial magnetic stimulation in stroke patients.
[4+3+3]

Question Number : 2 Question Id : 32718719993 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

- a) Microprocessor Controlled Hydraulic Prosthetic knee. [4]
- b) Bionic Hand. [4]

c) Transradial carbon graphite supracondylar suspension frame socket. [2]

Question Number : 3 Question Id : 32718719994 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Discuss the basic principles of International Classification of Functioning, Disability and Health. What are ICF checklists and their limitations? [5+5]

Question Number : 4 Question Id : 32718719995 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Discuss brachial plexus with labelled diagram. Discuss various types of brachial plexopathy and rehabilitation. [4+(3+3)]

Question Number : 5 Question Id : 32718719996 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

- a) Legislations status in India relating to disabling situations. [4]
- b) Steps taken in India to make such legislations more effective. [3]
- c) Disability evaluation in relation to hemophilic patients. [3]

Question Number : 6 Question Id : 32718719997 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

- a) Modified Ashworth Scale. [4]
- b) Fugl-Meyer-Scale. [3]
- c) Gross motor function Classification System. [3]

Question Number : 7 Question Id : 32718719998 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

What is neurogenic bowel? How do you evaluate it? What are the recent trends in rehabilitation management of persons with neurogenic bowel? [2+3+5]

Question Number : 8 Question Id : 32718719999 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

What are various cognitive dysfunctions and its measuring scales? Mention recent rehabilitation trends in improving cognitive dysfunctions in traumatic brain injury patients. [(3+3)+4]

Question Number : 9 Question Id : 32718720000 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Discuss role of the following with respect to rehabilitation of persons with disabilities:

a) Chief Commissioner for Persons with Disabilities. [3]

b) Rehabilitation Council of India. [3]

c) PMR Specialists/Physiatrists. [4]

Question Number : 10 Question Id : 32718720001 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

a) Vancouver Burn Scar assessment tool. [5]

b) Trends in pressure therapy management during burn scar maturation phase. [5]