

National Board of Examinations

Question Paper Name :	DNB Physical Medicine and Rehabilitation Paper1
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Actual Answer Key :	No

DNB Physical Medicine and Rehabilitation Paper1

Group Number :	1
Group Id :	327187330
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 Paper1

Section Id :	327187333
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 :	327187337
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 32718721133 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

1. Describe Bronchopulmonary segments with a neat labelled diagram and explain its significance in Pulmonary rehabilitation. [5+5]

Question Number : 2 Question Id : 32718721134 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Describe the parts of intervertebral disc with respect to its anatomy, physiological properties and biomechanics in health and disease. [4+3+3]

Question Number : 3 Question Id : 32718721135 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) Brachial Plexus. [5]

b) Functional Anatomy of Neck of Femur. [5]

Question Number : 4 Question Id : 32718721136 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Describe the distribution, function and a clinical tests for 5th and 7th Cranial nerves in a tabular form. [5+5]

Question Number : 5 Question Id : 32718721137 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 a synapse? Draw a suitable diagram of synapse. What are the common excitatory and inhibitory neurotransmitters? [2+2+6]

Question Number : 6 Question Id : 32718721138 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) Excitation Contraction Coupling. [5]

b) Role of basal ganglia in voluntary movements. [5]

Question Number : 7 Question Id : 32718721139 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) Manual muscle testing. [5]

b) Modified Ashworth scale. [5]

Question Number : 8 Question Id : 32718721140 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Briefly describe the clinical anatomy of shoulder joint. Discuss the biomechanics of shoulder joint with relation to rotator cuff muscles. [4+6]

Question Number : 9 Question Id : 32718721141 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Briefly describe ADL (Activities of Daily Living) and IADL (Instrumental ADL). How are they assessed in clinical settings using some standard validated Scales? [4+6]

Question Number : 10 Question Id : 32718721142 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Which tract of the spinal cord has an effect on the muscle tone? Describe the pharmacology of the drugs used to control spasticity. [2+8]