

National Board of Examinations

Question Paper Name : DNB Physical Medicine and Rehabilitation Paper1
Subject Name : DNB Physical Medicine and Rehabilitation Paper1
Duration : 182
Total Marks : 100
Display Marks: No

Maximum Instruction Time : 0
Is Section Default? : No

Question Number : 1 Question Id : 32718744239 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. Describe the shoulder joint complex in terms of:

- It's bony anatomy. [3]
- The muscles, action and innervation. [4]
- Scapulo-humeral rhythm. [3]

Question Number : 2 Question Id : 32718744240 Consider As Subjective : Yes

Describe human gait in terms of:

- Determinants of gait. [6]
- Various Crutch gaits. [4]

Question Number : 3 Question Id : 32718744241 Consider As Subjective : Yes

Describe swallowing in terms of:

- a) Stages of normal swallowing. [3]
- b) Clinical assessment of swallowing. [7]

Question Number : 4 Question Id : 32718744242 Consider As Subjective : Yes

Describe disability in terms of:

- a) Components of ICF. [5]
- b) Various disabilities defined in the RPwD Act 2016 schedule. [5]

Question Number : 5 Question Id : 32718744243 Consider As Subjective : Yes

Describe the following tools used in functional evaluation:

- a) FIM measure. [5]
- b) OSWESTRY tool. [5]

Question Number : 6 Question Id : 32718744244 Consider As Subjective : Yes

How will you use electrodiagnosis for:

- a) Establishing diagnosis of carpal tunnel syndrome. [6]
- b) Identify NMJ disorders. [4]

Question Number : 7 Question Id : 32718744245 Consider As Subjective : Yes

For a person returning to sports activity:

- a) How will you plan for strengthening exercise, plyometric exercise and their role? [6]
- b) What are the nutritional concerns that should be advised? [4]

Question Number : 8 Question Id : 32718744246 Consider As Subjective : Yes

For prosthetic design describe the following:

- a) Carlyle formula. [3]
- b) Types of upper limb terminal device. [4]
- c) Control mechanisms. [3]

Question Number : 9 Question Id : 32718744247 Consider As Subjective : Yes

- a) Pathophysiology of UMN bladder. [3]
- b) Management of UMN bladder dysfunction. [7]

Question Number : 10 Question Id : 32718744248 Consider As Subjective : Yes

- a) Absorbable suture materials. [3]
- b) Tendon lengthening procedures. [4]
- c) Steps to reduce incidence of cerebral palsy. [3]