

FINAL EXAM
DECEMBER 2016

NATIONAL BOARD OF EXAMINATIONS

PHYSICAL MEDICINE & REHABILITATION**PAPER – II**

PMR/D/16/35/II

Time : 3 hours

Max. Marks : 100

Important instructions:

- Attempt all questions in order.
- Each question carries 10 marks.
- Read the question carefully and answer to the point neatly and legibly.
- Do not leave any blank pages between two answers.
- Indicate the question number correctly for the answer in the margin space.
- Answer all the parts of a single question together.
- Start the answer to a question on a fresh page or leave adequate space between two answers.
- Draw table/diagrams/flowcharts wherever appropriate.

Write short notes on:

1. What are computer ergonomics? What are the common injuries related to computer workers? 5+5
2. A patient has reported to the emergency with crush injury of the foot and ankle following road traffic accident for which amputation is planned. What are the points that you would keep in mind in deciding the level of amputation and ultimate rehabilitation of the patient? 5+5
3. Phantom pain: Pathophysiology and management 4+6
4. a) What are the types of osteoporosis? 2+2+6
b) How is the diagnosis of osteoporosis made?
c) Outline management of a patient with recently diagnosed osteoporosis presenting with kyphosis of dorsal spine.
5. a) What is lumbar spinal stenosis? 2+3+5
b) What are its clinical features?
c) What are the principles of its management?
6. How does a patient having Tennis Elbow present? How would you manage it? 5+5
7. A footballer fell in the field with severe pain in the knee joint. What are the common injuries you would look for? How would you manage them? 5+5
8. A 65 years old male patient presented with pain in the knee joint for the last 10 years, making it difficult for him to walk. On examination, he was found to have swelling of both the knee joints & restricted terminal range of motion with bilateral genu varum deformity. What investigations would you do and what do you expect to find in them? How would you specifically manage genu varum deformity? 4+6
9. A patient presented with foot drop with plantar ulcer on the heel. He was found to have erythematous plaques with zones of hyposensitivity. Give the differential diagnosis and management of foot drop and plantar ulcer. 4+6
10. A 5 months old patient having CTEV was brought after completion of plaster treatment. How would you manage such a patient till the time he achieves walking? 10
