

2020

Full Marks - 100

Time - As in the Programme

The figures in the right hand margin indicate marks.

Answer any THREE questions.

1. A 50 year old carpenter complains of low back pain radiating to posterior Thigh, calf and medial plantar aspect of Foot for past 2 weeks. The pain increases on sitting, coughing and bending forwards. He also complains of numbness over 1 + 2 metatarsal space. Discuss the case scenario based on hypothesis, Justification of hypothesis and specific physical examination measures. Add a note on treatment principles.
2. What is mechanical interface ? Discuss the mechanical interfaces of sciatic nerve and its clinical relevance. Add a note in the psychometric properties of SLR and slump test.

3. Discuss the role of cruciates in rotational stability of knee joint. Explain the accelerated protocol following ACL reconstruction.
4. Write short notes on any THREE :
 - (a) Deep friction massage.
 - (b) Grades of Mobilisation.
 - (c) Adolescent idiopathic scoliosis.
 - (d) Pre manipulative screening.
 - (e) Pronated and supinated feet.

