

0622E148

Candidate's Seat No : 10033

Master of Physiotherapy Examination

Basic Science in

Physiotherapy in Community Health & Rehabilitation

03-06-2022, Friday]

3 Hours]

[Max. Marks : 100

- Instructions :
- (1) Figure to the right indicate marks.
 - (2) Write legibly.
 - (3) Draw diagrams wherever necessary.
 - (4) All questions are compulsory.

1. Discuss in detail the types of Fatigue. How do you assess fatigue? What is the importance of Work Rest Regime to control Fatigue. 20 Marks

2. Describe the importance of literature search in scientific research. Discuss the different ways of collecting Data in research. 20 Marks

3. Biophysics of contractile and non-contractile tissues. Discuss the response of connective tissue to mechanical Loading. 20 Marks

4. Write in Detail about Diet, Exercise Planning and Prescription for management of Obesity. 20 Marks

5. Discuss the neurobiology of afferent pain transmission and central nervous system mechanisms of pain modulation. 20 Marks
