

[KZ 751]

OCTOBER 2011

Sub. Code: 8151

MASTER OF PHYSIOTHERAPY (MPT) DEGREE EXAMINATION**FIRST YEAR****(Common to all Branches)****PAPER I – APPLIED BASIC SCIENCES*****Q.P. Code: 278151*****Time: Three Hours****Maximum: 100 marks****Answer ALL questions in the same order.****I. Elaborate on :****Pages Time Marks
(Max.) (Max.) (Max.)**

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|---|----|---------|----|
| 1. Pathomechanics of mal posture. | 17 | 40 min. | 20 |
| 2. Explain in detail about the functional adaptation of bone under pathological conditions. | 17 | 40 min. | 20 |

II. Write notes on :

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| 1. Measures of dispersion. | 4 | 10 min. | 6 |
| 2. Factors affecting training. | 4 | 10 min. | 6 |
| 3. Test of significance. | 4 | 10 min. | 6 |
| 4. Fibonacci sequence. | 4 | 10 min. | 6 |
| 5. Static deformities in knee joint. | 4 | 10 min. | 6 |
| 6. Paralysis of scapulohumeral muscles. | 4 | 10 min. | 6 |
| 7. Stability of wrist joint. | 4 | 10 min. | 6 |
| 8. Hypothesis. | 4 | 10 min. | 6 |
| 9. Uses of vital statistics. | 4 | 10 min. | 6 |
| 10. Thermoregulation in heat stress. | 4 | 10 min. | 6 |
