



**BBU-2011136**

Seat No. \_\_\_\_\_

**Master of Physiotherapy Examination**

**August - 2021**

**Basic Sciences**

Time : **3 Hours**]

[Total Marks : **100**

- Instructions :** (1) Write legibly.  
(2) Draw diagrams where necessary.

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|----------|--|-----------|
| <b>1</b> | Write in detail about principles of Ethics in Physiotherapy practice with rationale and a suitable example for each principle. | <b>20</b> |
| <b>2</b> | Write in detail about biomechanics of ligaments.   | <b>20</b> |
| <b>3</b> | Write in short about exercise prescription for health and fitness for patients with hypertension.                              | <b>10</b> |
| <b>4</b> | Write in short about motor effects of electrical stimulation.  | <b>10</b> |
| <b>5</b> | Write in short about kinematics of normal human gait.  | <b>10</b> |
| <b>6</b> | Write in short about methods of sampling in research.  | <b>10</b> |
| <b>7</b> | Write in short about Research Ethics with emphasis on plagiarism.  | <b>10</b> |
| <b>8</b> | Write in short about components of curriculum development in physiotherapy.  | <b>10</b> |

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