

Vimala Rajendran

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Reg. No. :

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(For the candidates admitted from 2002 and onwards)

M.Sc. DEGREE EXAMINATION, NOVEMBER 2002.

First Semester

Physics

Paper II — CLASSICAL MECHANICS, STATISTICAL
MECHANICS AND RELATIVITY

Time : Three hours

Maximum : 100 marks

SECTION A — (20 × 1 = 20 marks)

Answer ALL questions.

Multiple Choice Questions :

1. Canonical transformations are transformations of
 - (a) Configuration space
 - (b) Phase space
 - (c) Minkowski's space
 - (d) Hilbert space.