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Reg. No. :

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(For the candidates admitted from 1999 and onwards)
M.Sc. DEGREE EXAMINATION, NOVEMBER 2000.
First Semester

Part III — Branch III — Physics

CLASSICAL, STATISTICAL MECHANICS AND
RELATIVITY — Paper III

Time : Three hours

Maximum : 100 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL the questions.

Choose the correct answer.

- All functions whose Poisson bracket with the Hamiltonian vanish will be
 - the same
 - infinite
 - zero
 - constants of motion.

Question paper Model

20 × 1 = 20
6 × 5 = 30
5 × 10 = 50
100

~~Muruga~~

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