

Paper VI

J. Jayameena

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Reg. No. :

2094

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(For the candidates admitted from 2002 and onwards)

M.Sc. DEGREE EXAMINATION, NOVEMBER 2003.

Second Semester

Part III — Physics

Paper V — ELECTROMAGNETIC THEORY AND
ELECTRO DYNAMICS

Time : Three hours

Maximum : 100 marks

SECTION A — (20 × 1 = 20 marks)

Answer ALL questions.

Choose the correct answer :

1. Current density is

(a) Rotational

(b) Irrotational

(c) Constant

(d) Zero.