

NOV-DEC
2011

Total No. of Questions—12]

[Total No. of Printed Pages—7

[4062]-113

S.E. (Mech.) (Sem. I) (Common to Sandwich)

EXAMINATION, 2011

FLUID MECHANICS

(2008 PATTERN)

Time : Three Hours

Maximum Marks : 100

- N.B. :— (i) Answer *three* questions from Section I and *three* questions from Section II.
- (ii) Figures to the right indicate full marks.
- (iii) Draw suitable sketches wherever necessary.
- (iv) Assume suitable data wherever necessary.
- (v) Answers to the two Sections should be written in separate answer-books.
- (vi) Use of electronic pocket calculator is allowed.

SECTION I

UNIT I

1. (a) What is kinematic viscosity ? Why is it so called ? Give its unit. [4]
- (b) Explain : [6]
- (i) Streak Line
- (ii) Vapor Pressure
- (iii) Ideal Fluid
- (iv) Compressibility.



P.T.O.

