P. Pages: 1

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ii)

a)

Time: Three Hours

Notes:

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4. 5.

8

M.E. First Semester (Civil Engineering (Transpo. Engg & Manag.)) (New - CGS) 13105 : Design and Construction of Pavement : 1 SFTR 3

AU - 3332 Max. Marks: 80 All question carry equal marks. Answer any five questions. Assume suitable data wherever necessary. Illustrate your answer necessary with the help of neat sketches. Use of pen Blue/Black ink/refill only for writing book. Explain the Boussinesq's theory and how it can be used for design of highway payement. 8 Explain the effects and factors on which the intensity of first action depends. Suggest 8 8 8 8 8 8 8 8 8 8

Explain - Hot mix and Cold mix method of bituminous road construction.

Attempt any two.

Explain in brief

Explain purposes of

Expansion joint

Contraction joint

- Modulus of subgrade reaction - Casagrande's elasticity chart.