

Roll No.

Total Pages : 02

BT-7/D-19

37231

TRANSPORTATION ENGINEERING-II

CE-405N

Time : Three Hours]

[Maximum Marks : 75

Note : Attempt *Five* questions in all, selecting at least *one* question from each Unit.

Unit I

1. List the various factors affecting the design of pavement. **15**
2. Explain critical combination of stresses in rigid pavements. **15**

Unit II

3. Giving the materials used in the construction of a WMM road. Explain its construction steps. **15**
4. List the various types of bituminous pavements. **15**

Unit III

5. List the various types of failures of flexible pavement. **15**
6. Explain the drainage system of hill roads. **15**

Unit IV

7. Explain the net present value techniques for evaluation of highway projects. **15**
8. Discuss the different types of sections of tunnels. **15**