

Total number of printed pages-2

53 (CE 603) TREN-II

2021

TRANSPORTATION ENGINEERING-II

Paper : CE 603

Full Marks : 100

Time : Three hours

**The figures in the margin indicate
full marks for the questions.**

Answer **all** questions.

1. (a) Explain importance of railways in the development of any nation. 10
- (b) Explain functions of components of railway track showing cross-section of railway track. 10
2. (a) What are the advantages of having uniform gauge throughout the country? 10
- (b) Explain advantages and disadvantages of concrete sleeper. 10

Contd.

3. (a) What are the causes for wear of rails? 10
(b) Explain different types of ballasts. 10
4. (a) Explain different components of airport. 10
(b) Explain surveys conducted before airport site selection. 10
5. (a) What are the assumptions made in basic runway length? 10
(b) What are the causes for creep of rails? 10

