TED (15)-	6014
(REVISION -	2015)

Reg. No	
	Annual Company of the
Signature	

DIPLOMA EXAMINATION IN ENGINEERING/TECHNOLOGY/ MANAGEMENT/COMMERCIAL PRACTICE — APRIL, 2018

TRANSPORTATION ENGINEERING

[Time: 3 hours

(Maximum marks: 100)

PART - A

(Maximum marks: 10)

Marks

- I Answer all questions in one or two sentences. Each question carries 2 marks.
 - State the need of Road transportation.

 - Distinguish between a bridge and a culvert Tikullam

 Differentiate between Runway and Tikullam
 - mvgmgP

 $(5 \times 2 = 10)$

PART - B

(Maximum marks: 30)

- II Answer any five of the following questions. Each question carries 6 marks.
 - Explain the classifications of roads as per I R C.
 - Explain different types of surveys connected with new road construction.
 - Explain the term super elevation.
 - Sketch different types of rail joints and explain briefly.
 - Write any six functions of ballast.
 - Describe in detail well foundation for bridge construction.
 - What are the points to be kept in mind while fixing the site for a bridge.

 $(5 \times 6 = 30)$