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Roll No. ....

**CC-721**

**M. Tech. EXAMINATION, May 2018**

(Third Semester)

(Re-appear Only)

CE(HSE)

CEH601

ENVIRONMENTAL AND SOCIAL IMPACT  
ASSESSMENT OF HIGHWAY PROJECTS

*Time : 3 Hours]*

*[Maximum Marks : 75*

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Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

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**Note :** Attempt *Five* questions in all, selecting at least *one* question from each Unit. All questions carry equal marks. Assuming, if any missing data.

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**P.T.O.**

### Unit I

1. (a) Define Impact. How construction of road impacts on environment ? 8  
(b) Envaluate the EIA for construction of bypasses on road. 7
2. (a) Classify the Impact. Give examples also. 7  
(b) Write the causes of impacts due to traffic on roads. 8

### Unit II

3. (a) What is air pollution ? Discuss the methods of air pollution dispersed on the road. 7  
(b) Explain the Box-model for air pollution. 8
4. (a) Distinguish between vibration, sound and noise with the help of example. 7  
(b) How intersection on urban arterial road reduces the air pollution. 8

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### Unit III

5. (a) What are the causes of pedestrian accidents ? 7  
(b) Define visual intrusion ? Write the methods of visual performance. 8
6. (a) What do you mean by aesthetic ? How to measure aesthetic of a road ? 7  
(b) Write, what point should be considered during toxic freight. 8

### Unit IV

7. (a) Discuss the GOI policies for roads. 7  
(b) Write the energy resources used for construction on the road. 8
8. Write short notes on the following : 15
  - (a) Land consumption
  - (b) Road clearance
  - (c) Compensation of land use.

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