

Course: ECE-352 Environmental Engineering-1

Assignment No: 2

Due date of submission: 10.11.2016

Instructions:

1. Write the responses to the assignment in your own handwriting.
2. Submit the responses to your HoD within the due date.
3. Write your name, programmer and Enrollment number clearly at the top of the Page.

Q.1

- a) What do you understand by transmission of water?
- b) What is Conduits? Explain the types of conduits also.

Q.2

- a) What are the factors affecting Leakage and Wastage of water. .
- b) Write in detail about PIPE APPURTENANCES.

Course: ECE-353 - Geotechnical Engineering

Assignment No: II

Submission Date: 10 November 2016

Instructions:

1. Write the responses to the assignment in your own handwriting.
2. Submit the responses to your HOD within the due date.
3. Write your name ,programme and enrollment number clearly at the top of the Pages

Q.1

- a) Explain the permeability?
- b) What are seepage and their effects in dams?

Q.2

- a) What is flow net? Write in detail.
- b) Explain the soil compaction in detail?

Course: ECE-354-Design of Concrete Structure -I

Assignment No: 1I

Submission Date: 10 November 2016

Instructions:

1. Write the responses to the assignment in your own handwriting.
2. Submit the responses to your HoD within the due date.
3. Write your name, programmer and Enrollment number clearly at the top of the Page.

Q.1

- a) Define cement concrete. Write the properties of concrete.
- b) Write about action of loads.

Q.2

- a) Define characteristic strength of concrete with neat figure.
- b) Write the assumption made in working stress method and limit state method.

Course: ECE-355-Structural Analysis-II
Assignment No: II
Submission Date: 10 November 2016

Instructions:

1. Write the responses to the assignment in your own handwriting.
2. Submit the responses to your HoD within the due date.
3. Write your name ,programme and enrollment number clearly at the top of the Pages.

Q.1

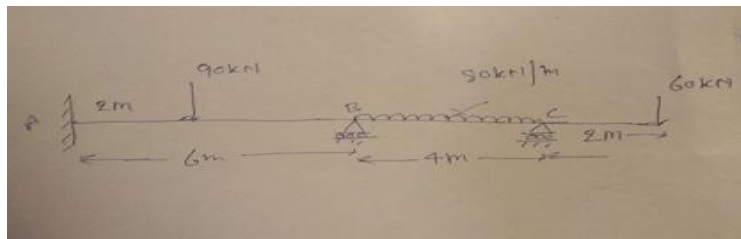
a) Prove that horizontal thrust developed due to a point load W acting at crown in a two hinged semicircular arch of radius R is independent of its radius constant EI constant.

b) A semicircular arch is subject to udl of W/m over its entire span .Assuming EI to be constant find the horizontal thrust at supports.

Q.2

a) A 3 hinged stiffening girder of span 250m has two nos. of girder .dip of cables 25m the girder is subject to 4 point loads 150KN each placed at centre line of road way at 20,30,40 and 50m from left hinge Find SF and BM in each girder at 62.5m each end Also find T_{max} in cable.

b) Analysis the continuous beam shown in fig .by stiffness matrix method



Course: ECE-356- Transportation Engineering- I

Assignment No: II

Submission Date: 10 November 2016

Instructions:

1. Write the responses to the assignment in your own handwriting.
2. Submit the responses to your HoD within the due date.
3. Write your name, programmer and Enrollment number clearly at the top of the Page.

Question 1

- a. What is Sight Distance or Visibility Distance? Explain the types of Sight Distance in briefly.
- b. Explain about the Highway planning and Highway Alignment in briefly.

Question 2

- a. What are Traffic signs? Write the classification of Traffic signs according to Indian Road Congress.
- b. Write a short note on:-
 - i. Gradient
 - ii. Traffic survey
 - iii. Water Bound Macadam Road.

Course: - **Engineering Managerial Economics**

Assignment No: 2

Due Date of Submission: 10.11.2016

Instructions

1. Write the responses to the assignment in your own handwriting.
2. Submit the responses to your HoD within the due date.
3. Write your name, programme and enrolment number clearly on the top of the page.

Ques. No.:-1

- A. Define Market? How prices and output are determined under perfect competition?
- B. Discuss about the classification of market? How prices are determined under monopoly and monopolistic competitions?

Ques. No.:-2

- C. Define Management with its nature, importance, characteristics and principles?
- D. What is decision making? Discuss about the classical and administrative models with the steps followed under decision making?