

L. D. COLLEGE OF ENGINEERING, AHMEDABAD (GTU)

7th Semester Civil Engineering - PDDC 2013 Batch

Subject Code & Name : X70602 - Dock, Harbour and Airport Engineering

Important Topic for Mid Sem Exam. Preparation

Date : 08-08-2016

Harbour Engineering:

1. Major Ports in India (Kandla Port & Chennai Port)
2. Important of water transport with advantages and disadvantages
3. Short note of Harbour and port
4. Component of Harbour
5. Classification of harbours based on the protection needed
6. Arrangement of breakwaters
7. Factor determining selection of breakwater
8. Types of breakwater
9. Short note on Fender
10. Fixed Navigation Aids
11. Floating Navigation Aids
12. Definition:
 - a. Harbour
 - b. Port
 - c. Turning basin
 - d. Breakwater
 - e. Quay walls
 - f. Jetties
 - g. Piers

Airport Engineering:

1. Advantages and Disadvantages of Air Transport
2. Characteristics of Aircraft
3. Factor affecting airport site selection
4. Runway orientation
5. Basic runway length
6. Example regarding Runway Design/Correction

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