

R09

Code No: 09A82102

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech IV Year II Semester Examinations, May - 2013

**Airport Planning and Operations
(Aeronautical Engineering)**

Time: 3 Hours

Max.

**Answer any Five Questions
All Questions Carry Equal Marks**



1. Describe the different types of airports.
2. Explain the different types of forecast methodologies to arrive at the future requirements of an airport. [15]
3. What are the terminal and airside handling requirements? [15]
4. Explain the equipment, systems and technologies involved in baggage handling at the airports. What is the aircraft component that is to be satisfied? [15]
- 5.a) Discuss the two philosophies of management of passenger at the airport terminal, and bring out the advantages and disadvantages of each.
b) What are the Government requirements at an airport? [8+7]
6. Describe a typical turnaround of cargo at an airport, explaining clearly the activities involved. [15]
7. Explain the separation minima to be maintained by aircrafts under different conditions. [15]
8. Discuss the effect of reliability of access times of an airport on passenger terminal dwell times.

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