

Code: 9A21707

R09

B.Tech IV Year I Semester (R09) Supplementary Examinations, May 2013

AIRPORT MANAGEMENT

(Aeronautical Engineering)

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions
All questions carry equal marks

- 1 Discuss the principal duties of a typical airport manager at a medium - size commercial airport.
- 2 Discuss weather reporting facilities available on airfield that help detect and communicate wind and weather information. Discuss weather reporting facilities available on airfield that help detect and communicate wind and weather information.
- 3 Explain different classes of airspace that are followed in aviation.
- 4 Discuss the different terminal design concepts followed by airports.
- 5 (a) What are some of the goals of an airport's safety inspection program?
(b) What are some of the more common procedures associated with an airport's safety inspection program?
- 6 What are the various security sensitive areas found at airports? What is required for an applicant to receive an SIDA (security identification display area) badge?
- 7 Explain residual cost and compensatory cost approaches and discuss the primary differences between them.
- 8 (a) What is ROT (runway occupancy time)? How does ROT affect airport capacity?
(b) How does an aircraft fleet mix affect capacity at an airport?
