

**MASTER OF BUSINESS ADMINISTRATION  
(AVIATION BUSINESS MANAGEMENT)  
(MBAAVBM)**

00035

**Term-End Examination  
December, 2010**

**MAV-003 : AIRPORT OPERATIONS  
MANAGEMENT**

*Time : 3 hours*

*Maximum Marks : 100*

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*Note : Answer any five Questions.*

*All questions carry equal marks.*

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1. Before carrying out the site selection of an airport a lots of operational and social factors are to be assessed and its impacts are to be quantified. Explain in details about the social and operational factors to be considered in this process. 20
  
2. (a) Explain in detail the unseen dangers you may be exposed while driving vehicle in the airside of an Airport. 10  
(b) What all the FOD control measures are to be carried out in the airside of an airport. 10
  
3. What are the markings available on the movement areas of an Airport ? Explain in detail. 20

4. List out the dignitories who are eligible for the usage of ceremonial lounge of the Airport. 20
5. Explain in detail the different design concepts used for the planning and design of the airport terminal building. 20
6. Explain in detail using flow diagrams. 4x5=20
  - (a) Departure passenger flow
  - (b) Departure checked in baggage flow
  - (c) Arrival passenger flow
  - (d) Arrival baggage flow
7. Explain with suitable formulas and calculations, how the following factors can be quantified during the planning of Airport Terminal Building. 20
  - (a) Length of departure kerb
  - (b) Area of departure concourse
  - (c) Number of check-in counters
  - (d) Queing Area required in the check-in
  - (e) Departure Lounge area.
8.
  - (a) Airports are acting as mini economic zones in the development process of the country. Explain in detail. 20
  - (b) Explain in detail the role of handling agencies in the air cargo operations.