

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

(MBAAVBM)

Term-End Examination

December, 2013

**MAV-003 : AIRPORT OPERATIONS AND
SERVICES MANAGEMENT**

Time : 3 hours

Maximum Marks : 100

Note : Answer any five questions. All questions carry equal marks.

1. Airport site evaluation and selection is a very important activity in the Airport master planning. Explain in detail the various factors for this. 20
2. Runway is usually oriented in the direction of prevailing wind. Explain this in detail with the help of WindRose diagram. 20
3. (a) Explain in detail the various factors considered for Terminal Building siting. 10
(b) What all the design concept are applied for Terminal Building ? Explain in detail. 10
4. Explain in detail with the help of diagram, the passenger and baggage flow for arrival and departure situations. 20

5. (a) What all are the basic parameters used for Apron planning ? Explain in detail. 10
(b) Explain in detail the various classification of Apron depending upon its aircraft parking and utilizations. 10
6. Explain in detail the environmental impact assessment systems and its management plans for aviation. 20
7. Management of movement of equipments and vehicles in the airside of an airport is a challenging task. Explain in detail the vehicle operational procedures and control measures. 20
8. Write short notes on : 5x4=20
(a) Airway Bell
(b) Role of Cargo Agents
(c) Airport emergency service
(d) Airport hazards
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