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**ADVANCED DIPLOMA IN AIRPORT
OPERATION MANAGEMENT (ADAOM)**

Term-End Examination

December, 2010

**MAV-018 : AIRPORT TERMINAL OPERATIONS
AND CAPACITY MANAGEMENT**

Time : 3 hours

Maximum Marks : 100

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

1. Explain the factors that are taken into consideration with respect to air side requirements, while selecting a terminal layout. **20**

2. Describe the following terminal concepts, with advantages and disadvantages of each. **20**
(a) Pier concept (b) Satellite concept

3. Briefly explain the following factors that are taken into account while selecting a terminal layout. **20**
(a) Expansion potential
(b) Environmental inputs
(c) Energy conservation
(d) Financial feasibility

4. Enlist and describe the relevance of different stake holders, while choosing a terminal layout. 20
5. List out and explain, markings and symbols at air side of an aerodrome. Discuss the relevance with regard to safety. 20
6. Explain the transmitting techniques in Radio Telephony (R/T) Communication. State the following : 20
- (a) Transmission
 - (b) Speech rate
 - (c) Pitch rate
 - (d) Annunciation
7. (a) What is a lost luggage and how it is handled ? 20
- (b) How would you handle :- Unaccompanied minor, expectancy mothers, mentally retarded passenger.
8. List and describe components of an automobile. 20
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