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

Term-End Examination

June, 2011

**MAV-006 : AIR TRAFFIC MANAGEMENT AND
CONTROL SYSTEMS**

Time : 3 hours

Maximum Marks : 100

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

1. Explain the need and primary functions of Air Traffic Control. 20
2. Explain the functional and operational applications of the following navigational aids.
(a) VOR (b) DME (c) TACAN
7+6+7=20
3. Explain the functional requirement of ILS and its operational application. 20
4. What are the factors to be considered while designing VHF Air Ground communication system? 20

5. What are the different categories of Air Traffic Messages and explain each of them ? 20
 6. What are the different visual and lighting aids used in an airport to facilitate the movement of aircrafts ? Explain the functions of each. 20
 7. Write any 10 standard words or phrases used in ICAO phraseology for Air Traffic Control and explain their meaning. 2x10=20
 8. What is ATIS ? What are the informations passed in ATIS broadcast message ? 20
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