

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

**Term-End Examination
December, 2012**

**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. What are the informations to be given by the controller to an arriving aircraft ? 20
2. Explain the functions and working of VOR equipment. How it helps the aircraft to navigate through the right course ? 20
3. Which are the divisions of Air traffic service and explain the role of each unit ? 20
4. What is termed as a visual approach ? What are the conditions on which a visual approach can be initiated by : 20
 - (a) Flight crew
 - (b) Controller

5. Explain the procedure for providing longitudinal separation based on distance using DME or GNSS. 20
6. What are the classifications of ATS airspaces in India ? What are the specifications of each class ? 20
7. Explain the control procedures for a departing aircraft in the following cases : 20
- (a) Departure Sequence
 - (b) Separation of departing aircrafts
 - (c) Take off clearance
8. Write short notes on : 5x4=20
- (a) Great Circle
 - (b) Small Circle
 - (c) Rhumb line
 - (d) Prime Meridian
 - (e) Meridians and Anti Meridians
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