

60200

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

Term-End Examination

June, 2013

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

Time : 3 hours

Maximum Marks : 100

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- Note :** (i) *Answer any five questions.*
(ii) *All questions carry equal marks.*
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1. Describe the main functions of Aerodrome Control Tower. 20
2. Explain the functions and working of DME equipment. How it helps in aircraft navigation ? 20
3. What are the main functions and objectives of ICAO ? What are ICAO annexes concerned with aerodrome and briefly explain their contents ? 20
4. Explain the procedure for clearing successive approaches. What are the priorities to be given ? 20

5. Explain the procedure for providing longitudinal separation minima with mach number technique based on time. 20
6. Explain the control procedures for an arriving aircraft in the following cases : 20
- (a) Separation of landing and departing aircraft.
 - (b) Landing clearance
 - (c) Landing and roll - out manoeuvres
7. Write the meaning of following words and phrases when used in radiotelephony communication. 20
- (a) Acknowledge
 - (b) Affirm
 - (c) Break
 - (d) Cancel
 - (e) Correction
 - (f) Maintain
 - (g) Recleared
 - (h) Roger
 - (i) Wilco
 - (j) Stand by
8. What are the components of ILS ? Explain the functions of each component. 20
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