II Semester M.B.A. in Aviation Examination, October 2011
AIRPORT SYSTEMS
(July 2010 Batch) and (Re-sit) (January 2010 Batch)

Time : 3 Hours   Max. Marks : 80

Instructions :

*Section – **1** : Answer **any 10** Questions out of 15.*
*Max. Marks in this Section are **30** (3 marks for **each right** answer).*

*Section – **2** : Answer **all 10** Questions.*
*Max. Marks in this Section are **20** (2 marks for **each right** answer).*

*Section – **3** : Attempt **any 2** out of 3 questions.*
*Max. Marks in this Section are **30** (**15** marks for **each right** answer).*

SECTION – 1

Answer **any 10** out of 15.   **(10×3=30)**

1. Explain the airport system using a diagram.

2. Briefly explain the apt classification system under NPIAS.

3. State the advantages and disadvantages of Hub and Spoke systems.

4. Write briefly about Airport planning studies.

5. State the reasons for the need of Multiple Airport System. Name three airports that follow MAS.

6. Write briefly in 25 to 30 lines about confusions that arise in MAS.

7. Briefly explain the Henry Chesbrough and Richard. S. Rosenbloom's study through the six identified components of business model.

8. What do you understand by Air Traffic Control System ? Explain.

9. State the six different kinds of special use airspace in U.S.A.

10. What activities are included in a passenger service ?

11. Briefly explain the movement flow of passenger for international Travel for Arrival.

P.T.O.

12. Briefly explain the 3 sides of cargo terminal.

13. State the advantages and disadvantages of Cargo business growth.

14. Write in length about Anti Hijacking methods.

15. What do you understand by weather monitoring ?

SECTION – 2

Answer **all** the questions. (10×2=20)

State whether **True** or **False** :

1. Control tower is the building where aircraft are parked for purpose of maintenance.

2. Liberalization and deregulation of airlines have led to the development of the Hub system in India.

3. An airport included in the commercial service category consists of airports used for business purpose by private business aircraft.

4. Large hubs include airports which account for 1% of total annual passenger emplanement in U.S.A.

5. Profiling of passengers is one of the anti hijacking methods.

Decode the following Abbreviations :

6. SPOT

7. SMSA

8. NASP

9. MLS

10. ICAN.

SECTION – 3

Answer **any 2** out of 3 questions : (15×2=30)

1. Why do people hijack ? Briefly state the anti hijacking measures.

2. Write briefly about access control and access control on airside.

3. State the factors responsible for the success of Primary and Secondary airports.

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