

## IMBAAVT Sem.-7 Examination

## IMBAAVT-137

## Airline Schedule Management Comm. and Charter

Time : 2.30 Hours]

December-2025

[Max.Marks : 70

**Instructions:**

- 1) Figures to the right indicate Full Marks.
- 2) Do not write anything on the question paper.
- 3) Do not use scientific calculator.

Q1. How does commercial airline schedule do Market analysis, Route planning, Flight frequency and timing, Fleet management, Maximize revenue, Customer experience, Adapt to market demand? 14 Marks

Q2. Explain in detail the main components involved in fleet estimation. 14 Marks

OR

Explain the concept of code sharing in the airline industry. How does it work, and what are its main purposes and benefits?

Q3. Explain the key components of operational control within an airline, and discuss how the Operations Control Center manages disruptions and conducts post-operation analysis. 14 Marks

OR

Explain the various constraints involved in airline scheduling.

Q4. Describe the key features of joint ventures in airline scheduling and discuss the benefits of such in the Indian aviation sector. 14 Marks

OR

Define the triangular system in airline operations, describe how it works and discuss its benefits.

Q5. Define load factor in the context of the airline industry and discuss strategies airlines can increase their load factor effectively. 14 Marks

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