



PRESIDENCY UNIVERSITY

BENGALURU

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|----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Roll No. | | | | | | | | | | | | | | |
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End - Term Examinations –MAY 2025

Date: 26-05-2025

Time: 01:00 pm – 04:00 pm

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|----------------------|-----------------------------------|---------------|
| School : SOM-UG | Program : BBA Aviation Management | |
| Course Code: BAV3025 | Course Name: Airport Management | |
| Semester : IV | Max Marks: 100 | Weightage:50% |

| CO - Levels | C01 | C02 | C03 | C04 | C05 |
|-------------|-----|-----|-----|-----|-----|
| Marks | 26 | 26 | 26 | 11 | 11 |

Instructions:

- (i) Read all questions carefully and answer accordingly.
- (ii) Do not write anything on the question paper other than roll number.

Part A

Answer ALL the Questions. Each question carries 2 marks.

10Q x 2M=20M

| | | | | |
|-----|---|---------|----|-----|
| 1. | Define the term "Hub Airport." | 2 Marks | L1 | C01 |
| 2. | What is aeronautical revenue? | 2 Marks | L1 | C02 |
| 3. | State any two key factors that affect airline pricing. | 2 Marks | L1 | C03 |
| 4. | What is aircraft maintenance routing? | 2 Marks | L1 | C04 |
| 5. | Mention any two current environmental concerns in aviation. | 2 Marks | L1 | C05 |
| 6. | What is the role of an airport operator? | 2 Marks | L2 | C01 |
| 7. | Distinguish between slot allocation and schedule coordination. | 2 Marks | L2 | C04 |
| 8. | Mention two objectives of revenue management in airlines. | 2 Marks | L2 | C03 |
| 9. | What is PPP in airport financing? | 2 Marks | L2 | C02 |
| 10. | Mention two effects of geopolitical events on airline operations. | 2 Marks | L2 | C05 |

Part B

Answer ALL the Questions. Each question carries 7 Marks.

Total Marks 35M

| | | | | | |
|-----|----|--|----------|----|-----|
| 11. | a. | Explain the major functions of Airport Management. | 07 Marks | L2 | CO1 |
| Or | | | | | |
| 12. | a. | Describe the different stakeholders involved in airport management and their roles. | 07 Marks | L2 | CO1 |
| Or | | | | | |
| 13. | a. | Discuss any five sources of non-aeronautical revenue for airport. | 07 Marks | L2 | CO2 |
| Or | | | | | |
| 14. | a. | Explain the concept of airport privatization and its financial implications. | 07 Marks | L2 | CO2 |
| Or | | | | | |
| 15. | a. | Explain the process of fare construction with a simple example. | 07 Marks | L3 | CO3 |
| Or | | | | | |
| 16. | a. | Apply the principles of revenue management to a hypothetical scenario of seat pricing. | 07 Marks | L3 | CO3 |
| Or | | | | | |
| 17. | a. | Describe the major steps in crew scheduling and pairing. | 07 Marks | L3 | CO4 |
| Or | | | | | |
| 18. | a. | Apply the concept of maintenance routing to ensure minimum aircraft ground time. | 07 Marks | L3 | CO4 |
| Or | | | | | |
| 19. | a. | Discuss the impact of technological innovations on airline customer service. | 07 Marks | L2 | CO5 |
| Or | | | | | |
| 20. | a. | Explain how digital transformation is shaping the future of airport operations. | 07 Marks | L2 | CO5 |

Part C

Answer any Three Questions. Each question carries 15 marks

3Q x 15M=45M

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|-----|----|---|----------|----|-----|
| 21. | a. | Explain the role of airport infrastructure and terminal operations in managing passenger flow. | 15 Marks | L2 | CO1 |
| Or | | | | | |
| 22. | a. | Describe the key components of airport budgeting and cost management, and their impact on financial health. | 15 Marks | L2 | CO2 |
| Or | | | | | |
| 23. | a. | Apply airline pricing strategies using real-life examples to demonstrate revenue optimization. | 15 Marks | L3 | CO3 |
| Or | | | | | |
| 24. | a. | Explain with examples how crew scheduling systems improve airline efficiency. | 15 Marks | L3 | CO4 |