

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

MCom(IB) DEGREE EXAMINATION MAY 2024
(Third Semester)

Branch – INTERNATIONAL BUSINESS

MAJOR ELECTIVE COURSE – II:
AIR TRANSPORTATION MANAGEMENT

Time: Three Hours

Maximum: 50 Marks

SECTION-A (5 Marks)

Answer ALL questions

ALL questions carry EQUAL marks

(5 x 1 = 5)

- 1 What is a key feature of international air transportation?
(i) Limited to specific regions
(ii) Involves flights only within a single country
(iii) Crosses international borders
(iv) Restricted to military use
- 2 What is the minimum visibility when flying below 10,000ft and following VFR?
(i) One nautical mile (ii) One kilometer
(iii) One statute mile (iv) One mile
- 3 Who is responsible for the separation of an aircraft from other aircraft in a controlled airspace?
(i) ATM operator (ii) Pilot
(iii) Co-pilot (iv) Navigator
- 4 Which of the following agencies was not created by the civil aeronautics act 1938?
(i) Administrator of aviation (ii) Joint aviation authority
(iii) Air safety board (iv) Civil aeronautics authority
- 5 Name the Sri Lankan Airline.
(i) Lankan International (ii) Lankan Air
(iii) Lanka international (iv) Air Lanka

SECTION - B (15 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks

(5 x 3 = 15)

- 6 a Explain the various types of aircraft used in air transportation.
OR
b Discuss the Indian Aircraft Act of 1934.
- 7 a Illustrate real-time information contribution to flight operations and passenger services.
OR
b Explain how do airports coordinate with air traffic control for effective airside management.
- 8 a Recommend current-generation radar and computer-based ATC systems improve air traffic management.
OR
b Enumerate the different factors influence the determination of airport charges by IATA and ICAO.

Cont...

- 9 a Asses aerodrome beacon aid pilots in identifying an airport from a distance.
OR
b Elucidate visual aids, assist pilots in identifying locations for essential services, such as fueling and maintenance.
- 10 a Bring out the importance of a passport in international travel, and how does it differ from a visa?
OR
b Develop the items typically subject to customs declarations, and how are duties assessed.

SECTION -C (30 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks

(5 x 6 = 30)

- 11 a Elaborate the history of air transportation and its evolution.
OR
b Examine the key differences between passenger and cargo airplanes.
- 12 a Criticize airports handling unexpected events, such as weather disruptions or security issues.
OR
b Explain the flight safety standards maintenance, and what role do AirPods play in this regard?
- 13 a Highlight some of the world's busiest airports and their associated codes.
OR
b Differentiate Airport Traffic Control Tower (ATCT) and Area Radar Control Center (ARTCC).
- 14 a Explain VASI and PAPI with neat sketch.
OR
b Survey identification beacon with difference from an aerodrome beacon.
- 15 a Elucidate the key customs formalities that travelers need to go through upon arrival in a foreign country.
OR
b Discuss the purpose of embarkation and disembarkation cards, and when are they required?

Z-Z-Z

END