

First Semester All UG Courses Examination, May/June 2022
(NEP)

AVIATION MANAGEMENT

Paper – 1.5 : Air Transport and Regulation (Open Elective Course)

Time : 2½ Hours

Max. Marks : 60

Instruction : Answers to be written in **English** only.

SECTION – A

Answer **any five** of the following sub-questions. **Each** question carries **two** marks.

(5×2=10)

1. a) Who is referred as the Father of Aviation ?
- b) What is the importance of the date December 17, 1903 ?
- c) With reference to an aircraft state any two functions of the aileron.
- d) What is center of gravity of an aircraft ?
- e) Give two examples of aerodynamics.
- f) What does Annexure 7 state ?
- g) Expand DGR, IATA.

SECTION – B

Answer **any three** of the following questions. **Each** question carries **five** marks.

(3×5=15)

2. Define any 3 aircraft components and discuss its uses.
3. Discuss the forces of flight.
4. Explain Annexure 8 of ICAO.
5. Explain the Annexure in which “operation of aircraft” comes.
6. What are hazardous material ? Why their classification is important ?



SECTION – C

Answer **any three** of the following questions. **Each** question carries **eight** marks.

(3×8=24)

7. Explain the important components of an aircraft.
8. Compare the efficiency of different types of commercial aircrafts.
9. What are the 3 principles of flight ? Explain.
10. Classify DG (Dangerous Goods) into its 9 classes and sub divisions.
11. How does Annex-2 of ICAO help pilots ?

SECTION – D

Answer **any one** of the following questions. **Each** question carries **eleven** marks.

(1×11=11)

12. Compare air transport evolution Globally and in India.
13. Explain in detail the ICAO ANNEXURES.
