

**GUJARAT TECHNOLOGICAL UNIVERSITY****BE - SEMESTER-VI(NEW) – EXAMINATION – SUMMER 2019****Subject Code:2160108****Date:27/05/2019****Subject Name:Aviation Management****Time:10:30 AM TO 01:00 PM****Total Marks: 70****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- Q.1** (a) What are the modes of transportation and why should one prefer Aviation for travelling and transportation? **03**
- (b) Who is called as Father of Aviation? And what are the advancements done by him? **04**
- (c) Write a short note on early efforts done for the development of aviation field. **07**
- Q.2** (a) What are the reasons to study growth factors of any aviation industry? **03**
- (b) How Indo-Foreign tie-ups can be beneficial for any Aviation company? **04**
- (c) Write a short note on current scenario of Indian Aviation Industry. **07**
- OR**
- (c) Explain various government schemes for the growth of Indian Aviation Sector. **07**
- Q.3** (a) What are the various Growth factors of any aviation industry? **03**
- (b) Differentiate between any two leading Indian Domestic Airlines. **04**
- (c) What are the roles of Aircraft Maintenance Engineer (AME)? How to become AME in India? **07**
- OR**
- Q.3** (a) Differentiate between roles of Pilot and Copilot. **03**
- (b) What are the functions of ICAO and AAI? **04**
- (c) Differentiate between Civil and Military airports. **07**
- Q.4** (a) Explain Passenger per kilometer and explain its importance in mapping of any aviation industry growth. **03**
- (b) What is the current scenario of Aviation sector in Gujarat? **04**
- (c) As a CEO of Gujarat Airlines, what are your strategies to attract passengers? **07**
- OR**
- Q.4** (a) What is the role of WTO in Aviation trades? **03**
- (b) Explain the structure of DGCA. **04**
- (c) Discuss steps to proceed for any Air crash investigation. **07**
- Q.5** (a) What is Passenger Load Factor? **03**
- (b) What are the functions of Directorate of Training & Licensing? **04**
- (c) What are the responsibilities and functions of DGCA? **07**
- OR**
- Q.5** (a) What are the different publications by DGCA? **03**
- (b) What are the functions of Directorate of R & D? **04**
- (c) What are the facilities provided to passengers on International Airports? **07**

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