

PARUL UNIVERSITY
FACULTY OF ENGINEERING & TECHNOLOGY
Diploma Engineering, Mid semester Examination

Semester: 5th
Subject Code: (03613333)
Subject Name: (Aircraft Operation and Management)

Date: (10/08/2022)
Time: (1hr: 30min)
Total Marks: 40

Instructions:

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. English version is considered to be Authentic.

- Q.1 Answer any six out of Ten. (2 Marks Each) (12)**
1. Define runway threshold.
 2. What is the function of airport?
 3. What is cargo airport?
 4. What are the earning sources of airport?
 5. Enlist the types of airports.
 6. Explain towered airport.
 7. Enlist the sources of airport data.
 8. What is aeronautical chart?
 9. Give the full name of AAI and its importance.
 10. What is non towered airport?
- Q.2 A) Explain ATIS in detail. (03)**
- OR**
- A) Explain displaced threshold with marking. (03)
B) What is relocated runway threshold? Draw its marking. (03)
- OR**
- B) What is Runway designator? Explain it for parallel runways. (03)
C) Write aviation terminology for any 12 alphabets. (04)
- OR**
- C) Explain runway safety area with its marking and sign. (04)
D) Draw the layout of Runway. (04)
- Q.3 A) What is runway distance remaining sign? Explain with its marking. (03)**
B) Explain the NOTAMs in detail. (03)
C) Explain runway hold position sign and marking. (04)
D) What is LAHSO? Explain in detail. (04)