

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. Enlist the types of airports.
 2. What is non towered airport?
 3. Give the full name of AAI and its importance.
 4. What is the full name of ICAO?
 5. Enlist the sources of airport data.
 6. Explain towered airport.
 7. What is the function of airport?
 8. What is commercial airport?
 9. What is threshold on runway?
 10. What is cargo airport?
- Q.2 A) Explain the NOTAMs in detail. (03)**
- OR**
- A) What is Runway designator? Explain it for parallel runways. (03)
B) What is morse code? Write morse code for 0 to 9 digits. (03)
- OR**
- B) Explain displaced threshold with marking. (03)
C) Write aviation terminology for any 12 alphabets. (04)
- OR**
- C) Explain runway safety area with its marking and sign. (04)
D) What is LAHSO? Explain in detail. (04)
- Q.3 A) What is runway distance remaining sign? Explain with its marking. (03)**
B) Explain ATIS in detail. (03)
C) Explain runway hold position sign and marking. (04)
D) Draw the layout of Runway. (04)