**BEAE5**

**Seventh Semester B.Tech Aeronautics Engineering**

**Examination Aug/Sep-2015**

**Air Navigation**

**Time:-3Hours Max. Marks:-75**

**SECTION-A**

**Answer any five questions. (5\*5)**

1. Write a Statement about Ground Wave.
2. Define NDP Navigation.
3. Give a brief introduction to Radio Magnetic Indicator RMI.
4. What do you understand by the term Trilateration?
5. What is Turn-and-Slip Indicator?
6. Mention the signals of Radio transmitted by GPS satellite.
7. Write a short note on the History of Trigonometry.

**SECTION-B**

**Answer any two questions. (10\*2)**

1. Discuss in detail about the Attitude Instrument Flying.
2. Discuss Automatic Direction Finder (ADF).
3. Discuss the basic concept of GPS.

**SECTION-C**

**Answer any two questions. (15\*2)**

1. Explain Global Positioning System.
2. Write a detail note on the Instrument Landing System (ILS).
3. Discuss different types of Aircraft Maintenance.