



**NP – 394**

**III Semester B.B.A. Examination, January/February 2025**

**(NEP) (F+R)**

**AVIATION MANAGEMENT**

**Paper – 3.2 : Air Traffic Control**

Time : 2½ Hours

Max. Marks : 60

***Instruction : Answer should be written in English only.***

**SECTION – A**

Answer **any 6** questions. **Each** question carries **2** marks.

**(6×2=12)**

1. a) What is the purpose of air traffic control ?  
b) Define “approach control”.  
c) What is a radar beacon system ?  
d) What does ADSB stand for ?  
e) What is an airspace system ?  
f) Name one technology used to monitor aircraft.  
g) What are “coded departure routes” ?  
h) What is a “holding pattern” ?

**SECTION – B**

Answer **any three** questions. **Each** question carries **4** marks.

**(3×4=12)**

2. What is the role of air traffic controllers in busy air routes ?
3. Describe how air traffic control helps pilots during bad weather.
4. What is the function of radar in managing aircraft ?
5. Explain the concept of “collaborative air traffic management”.
6. What is Required Navigation Performance (RNP) ?

**P.T.O.**



## SECTION – C

Answer **any three** questions. **Each** question carries **12** marks.

**(3×12=36)**

7. Explain how air traffic control has changed over the years to improve flight safety.
  8. Describe the role of communication systems in modern air traffic control.
  9. How does air traffic control manage both IFR and VFR Flights ?
  10. Discuss the use of technology in identifying and separating aircraft.
  11. What is the future of air traffic control systems and how will new technology help ?
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