



NP – 446

V Semester B.B.A. Examination, February/March 2024

(NEP) (Freshers)

AVIATION MANAGEMENT

5.3 : Airport Strategic Planning

Time : 2½ Hours

Max. Marks : 60

Instruction : Answer all questions in English.

SECTION – A

1. Answer **any 6** out of 8 given questions, **each** carries **2** marks. **(6×2=12)**

- a) What is Hanger ?
- b) State any four components of airport.
- c) State the meaning of Apron Layout.
- d) What do you mean by Airport Beacon ?
- e) Give the meaning of route fragmentation.
- f) List out the primary control surfaces of an airport.
- g) Mention any four points that comes under technical approvals to plan an airport.
- h) What is STD and ETD in airport ?

SECTION – B

Answer **any 3** out of 5 questions. **Each** question carries **4** marks. **(3×4=12)**

2. How do airports benefit national economy ?
3. Explain any four types of Apron.
4. State the concept of gate capacity related to delay.
5. Describe the navigational aids used in Airfield.
6. State the advantages of satellite concept of airport terminal.

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SECTION – C

Answer **any 3** out of 5 questions. **Each** question carries **12** marks. **(3×12=36)**

7. Explain Airport system planning process in detail.
 8. What are the operational concept in planning and designing area requirement of terminal ?
 9. Classify the Airport airfield components.
 10. Narrate the environmental concerns of Aviation industry that have global impact.
 11. What is Runway intersection ? Explain the numbering and visual docking system.
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