

S.No. 1397

19 BCCAM 11

(For candidates admitted from 2019–2021 onwards)

B.B.A. DEGREE EXAMINATION, NOVEMBER 2023.

Part III — Aviation Management – Major

AIR NAVIGATION SERVICE .

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20)

Answer ALL questions.

1. What is the meaning of ATS in aviation?
2. What is VFR mean in aviation?
3. Define Air Control Services.
4. What is in a flight plane?
5. What is aircraft radar?
6. What is coordination in emergency?
7. What are the four types of aerodrome?
8. State and parallel runway.

9. What are the aids to navigation in aviation?
10. How do beacon lights work?

PART B — (5 × 5 = 25)

Answer ALL questions, choosing either (a) or (b).

11. (a) What are the objectives of ATC in aviation?
- Or
- (b) Summarize the types of IFR approaches.
12. (a) Describe in the detail of Air Traffic service Routes.
- Or
- (b) What exactly does it mean to get an ATC clearance?
13. (a) How Does Radar use Radio?
- Or
- (b) Enumerate Meet the Latest Generation of Non-Contacting Radar Level Transmitters
14. (a) How do I find my aerodrome reference point?
- Or
- (b) Discuss about Aerodrome Reference Temperature Instrument Runway.

15. (a) State the wind direction indicator marking.
- Or
- (b) What are the various types of marking?

PART C — (3 × 10 = 30)

Answer any THREE questions.

16. Elaborate the Classification of ATS Air Spaces.
17. Differentiate the between RNAV and RNP in air control service.
18. Explain the use of Radar in Area and Approach control service.
19. What is the minimum distance allowed between two parallel runway?
20. What is the purpose of airport beacon and what are the colors of airport beacon?