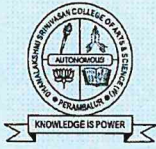


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**DHANALAKSHMI SRINIVASAN COLLEGE
OF ARTS & SCIENCE FOR WOMEN
(AUTONOMOUS)**

(For Candidates admitted from 2018-2019 onwards)



**UG DEGREE EXAMINATIONS -APRIL 2021
B.B.A – AVIATION MANAGEMENT
AIRPORT INFRASTRUCTURE PLANNING**

Time: 3 Hrs

Max.Marks: 75

PART – A

CHOOSE THE CORRECT ANSWER

(10X1=10)

1. Airports can be classified on how many basis?
a) 5 b) 4 c) 3 d) 2
2. ICAO classification system considers how many things?
a) 2 b) 4 c) 5 d) 6
3. The application of _____ diagram is used to find the orientation of the runway to get the desired wind coverage.
a) Wind Butterfly b) Wind Cycle c) Wind Star d) Wind Rose
4. The wind intensity during a calm period in runways should be:
a) Below 4.6km/hr b) Above 5km/hr c) Between 5-10 km/hr d) Below 6.4km/hr
5. Which of the following is not a characteristic of centralized system of the terminal Area?
a) Passengers, cargo routed centrally b) Passenger facilities in small units
c) Walking distance to aircraft < 200m d) Common facilities for different gate positions
6. Which of the below does not affect the site-selection of an airport site?
a) Adequate access b) Air traffic potential
c) Sufficient airspace d) Number of ground staff
7. India's highest airport is located in -----
a) Ladakh b) Mumbai c) Amritsar d) Delhi
8. Which International airport is located in hyderabad
a) Netaji International Airport b) Mahatma Gandhi International Airport
c) Indira Gandhi International Airport d) Rajiv Gandhi International Airport
9. How many types of Fly Rules are there?
a) 2 b) 5 c) 4 d) 3
10. The FAA classification of the airport is based on:
a) Function b) Geometric design c) Airport approach speed d) Length of Runway

PART - B

ANSWER ALL THE QUESTIONS

(5X7=35)

11. a) Explain the growth of Air transport.

(OR)

b) What is the process of airport planning?

12. a) Explain the characteristics of Airport Design

(OR)

b) What you mean by "Taxi way capacity"

13. a) Explain the concept of Airport planning and survey.

(OR)

b) Give short notes about APRONS

14. a) Write a notes on Noise Control.

(OR)

b) Explain about Vehicular Traffic and Parking at airports

15. a) Explain about Taxiways Marking .

(OR)

b) Explain the concept of day and Night landing Aids.

PART - C

ANSWER ANY THREE QUESTIONS

(3X10=30)

16. Explain the concept development of Airport planning process.

17. Briefly explain the AIRPORT DESIGN.

18. Explain the Airport planning and survey.

19. Explain about "TERMINAL AREA"

20. Explain about " AIRPORT LIGHTING AIDS"