



'সমানো মন্ত্র: সমিতি: সমানী'

UNIVERSITY OF NORTH BENGAL

BBA(TAH) Programme 4th Semester Examination, 2022

DSC7-BBA(TAH)

LOAD PLANNING AND DGR

Time Allotted: 2 Hours

Full Marks: 60

The figures in the margin indicate full marks..

GROUP-A

Answer any four of the following questions

3×4 = 12

1. Write the full forms of the following: 1×3 = 3
(A) ULD (B) NOTOC (C) LDM
2. Write the full forms of the following: 1×3 = 3
(A) LIR (B) DGR (C) CPM
3. Write the full forms of the following: 1×3 = 3
(A) DIP (B) ICE (C) MAC
4. Define Trim sheet. 3
5. Define DGR. 3
6. Write the full forms of the following: 1×3 = 3
(A) MTOW (B) MLW (C) MZFW

GROUP-B

Answer any four of the following questions

6×4 = 24

7. Write objectives of Marking and Labelling. 6
8. What is MAC? Explain Centre of pressure. 6
9. Describe an Empenage. 6
10. What are the procedures to be followed in case of a Dangerous goods incidents? 6

11. State the advantages and disadvantages of Computerised Load sheet. 6
12. State the importance of load and trim. 6

GROUP-C

Answer any two of the following questions 12×2 = 24

13. Explain the four forces acting on an aircraft. Describe the axes on an aircraft along with motions related to it. (Draw a diagram to support your answer). 12
14. Define the weight limitations on an aircraft. What are the objectives and purpose of load sheet and trim sheet? 6+6 = 12
15. Explain the classification of DGR. What is the difference between dangerous goods incident and accident? 6+6 = 12
16. What is Index unit? Define moment and reflect appropriate formulae for moment. How does CP relate to CG on an Aircraft? State the advantages of Computerised load sheet. 3+3+3
+3 = 12

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