



'সমানো মন্ত্র: সমিতি: সমানী'

UNIVERSITY OF NORTH BENGAL
BBA(TAH) Programme 4th Semester Examination, 2023

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 form of the following 3
(i) MTOW (ii) MTGW (iii) MLW
2. Write the full form of the following 3
(i) DGR (ii) MAC (iii) DIP
3. Write the full form of the following 3
(i) ULD (ii) NOTOC (iii) LDM
4. Define DGR. 3
5. What is LIR? 3
6. Define Lift, Thrust and Drag. 3

GROUP-B

Answer any four of the following questions

6×4 = 24

7. Write down the objectives of Load and Trim. 6
8. What are the procedures to be followed in case of a Dangerous Goods Incident? 6
9. What is MAC? Explain the Centre of Pressure. 3+3
10. Explain the Axes on an Aircraft and mention the motions taking place on the Axes. 3+3
11. Write the differences between computerised loadsheet and manual loadsheet. 6
12. Write the objectives of Marking and Labelling. 6

GROUP-C

Answer any two of the following questions

12×2 = 24

13. State the Principles and terms used in Load and Trim. 12
14. Define Dangerous Goods. Explain the classification of Dangerous Goods in detail. 3+9
15. Explain Radio Activity, Radio Active Materials and usage of Radio Active materials. 3+9
16. What is Index Unit? What is the formula to calculate Index Unit? State that how does CP relate to CG on an Aircraft. Define trim Sheet. 3+3+3+3

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