UNIVERSITY OF NORTH BENGAL
BBA(TAH) Programme 5th Semester Examination, 2021

SEC3-BBA(TAH)

AIRLINE AND AIRPORT ORGANIZATION AND LOAD PLANNING AND DGR

Time Allotted: 2 Hours   Full Marks: 60

The figures in the margin indicate full marks

GROUP-A

Answer any *four* questions from the following   3×4 = 12

1. Expand the following: 3
    (i) DGR   ii) EDP   (iii) PAX   (iv) CG   (v) HUM   (vi) LIR

2. What is MAC?   3

3. Expand the following: 3
    (i) ICE   (ii) HUM   (iii) LDM   (iv) CPM   (v) NOTAC   (vi) ULD

4. (i)   TOF = Ramp fuel – _____   1×3 = 3
    (ii)   TOF = _____ + Reserve fuel
    (iii) Reserve fuel = TOF – _____

5. Write the objectives of marking and labelling.   3

6. Define DGR.   3

GROUP-B

Answer any *four* questions from the following   6×4 = 24

7.   Describe Empennage.   6

8.   State the importance of load and trim.   6

9.   Write about the four forces acting on an aircraft.   6

10. State advantages of computerised load and trim sheet.   6

11.   What is Radio Activity and Radio Active Materials?   6

12.   Define trim sheet. State the purpose of trim sheet.   6

GROUP-C

Answer any *two* questions from the following $12 \times 2 = 24$

13.   What is the difference between Dangerous Goods incident and accident? What are   6+6
      the procedures to be followed in case on dangerous goods incidents?

14.   Explain the classification of Dangerous Goods. Why is marking and labelling   6+6
      important?

15.   (i)   Calculate the allowed traffic load from the given figures. Use appropriate   6+3+3
            formula and concept.

            MTOW = 60000   DOW 40161
            MZFW = 54657
            MLW = 58059
            TAKE OFF FUEL = 7300
            TRIP FUEL = 2884.

      (ii) What is Index Unit?
      (iii) Define allowed traffic load.

16.   Define the weight limitation on an aircraft. What are the objectives and purposes   6+6
      of trim sheet?

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