

School of Business

BBA
ETE - Jun 2023

Time : 3 Hours

Marks : 100

Sem IV - D1UB402T - Aviation Transport Safety and Security

Your answer should be specific to the question asked

Draw neat labeled diagrams wherever necessary

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| 1. | Identify five types of Aviation hazards. | K2 CO1 (5) |
| 2. | Classify the Strengthening and Enforcing the regulation of airport security. | K2 CO2 (5) |
| 3. | Classify the change to the global aviation security requirements. | K2 CO3 (5) |
| 4. | Define the Aerospace and Avionic Systems. | K3 CO4 (10) |
| 5. | Define the mission of ECAC and how ECAC functions. | K4 CO4 (10) |

OR

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| | Classify the Freedom of Air and their different categories. | K4 CO3 (10) |
| 6. | Classify the Airport critical assets. | K4 CO5 (10) |
| 7. | Classify the types of equipment to screen luggage and their functionality. | K2 CO3 (10) |
| 8. | Discuss how the airlines use each of the following approaches to manage human error
a) Employee selection
b) Training
c) Procedures and checklists
d) Team concept (cognitive redundancy) | K4 CO5 (15) |
| 9. | Illustrate the Cyber-Attack Surfaces and Vulnerabilities in Civil Aviation Industry. | K5 CO4 (15) |

OR

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| | Define the role of biometric application in air transport security. | K5 CO3 (15) |
| 10. | Classify the Holistic security risk management. | K5 CO5 (15) |