

School of Business

MBA
ETE - Jun 2023

Time : 3 Hours

Marks : 50

Sem II - MSB23T1001 - Foundation of Aviation Business and SMS

Your answer should be specific to the question asked

Draw neat labeled diagrams wherever necessary

1. The latest imaging technologies can be classified as either *passive* or *active*. Analyse the statement. K1 CO4 (2)
2. Explain the nine freedoms of air. K2 CO3 (2)
3. The determination of just exactly what a "hijacker" looks or acts like constantly lends itself to questions of prejudice based on race, national origin, and religious preference. With reference to this, summarize the importance of profiling in aviation. K2 CO2 (2)
4. Mention the guidelines to prepare for a biological threat. K2 CO1 (2)
5. Why should the airline passengers always keep their bags in their possession whilst in the airport? K2 CO5 (2)
6. There were major clues that went unnoticed prior to 11 September 2001 that were unfortunately missed making aviation extremely vulnerable. With reference to this, point out "*The Stated U.S. Policy*" in negotiating with terrorists. K3 CO1 (5)
7. Distinguish between Green Channel and Red Channel, in association with customs formalities in airports. K4 CO2 (5)
8. With reference to the screening technologies of TSA, answer the following: K4 CO6 (6)
 - How does the imaging technology screening process work?
 - What is advanced imaging technology?
 - What is done to protect the passengers privacy during screening?
9. With reference to Safety performance and management answer the following: K5 CO4 (8)
 - 1) What is the organizational structure to manage safety?
 - 2) How safety performance is monitored, measured, and audited?
 - 3) Key indicators? Any statistics are used to indicate the changes in performance?
 - 4) How to decide the safety level?
 - 5) What is the safety management system in your company?
 - 6) What are the components of an SMS?
10. Analyze the procedures involved in normal conditions as well as increased threat conditions for protecting the aircraft in an airport. K4 CO3 (8)
11. Identify the correct procedure while you search a passenger's bag in an airport for the following: K5 CO5 (8)
 - a) discovery of explosive device
 - b) discovery of weapon