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 **Presidency University**

**Bengaluru**

 **SCHOOL OF MANAGEMENT**

**MAKE-UP EXAMINATION – SEP 2023**

**Date**: 04.10.2023

**Time**: 1.00PM – 4.00PM

**Max Marks**: 100

**Weightage**:50%

**Course Code**: AVM104

**Course Name**: Regulatory Framework of Aviation

**Program** : BBA Aviation Management

 **Instructions:**

1. ***Read the question carefully and answer all the questions***

**Part A [Memory Recall Questions]**

**Answer all the Questions. (10Qx2M=20M)**

1. Describe tarmac shortly based on its materials used for the safety of ramp operations. .

 (C.O.NO 1) [Knowledge]

1. Memorize an aircraft stand and its importance ultimately used for flight operations in relation to VDGS & Manual marshalling. (C.O.NO 2) [Knowledge]
2. Label the different names of pier operated for the purpose of boarding & deplaning the passengers majorly ranged for wide bodied aircraft. (C.O.NO 2) [Knowledge]
3. Recognize the system used in communication & addressing the reporting of aircrafts.

 (C.O.NO 1) [Knowledge]

 5. Describe the details on the different types of bays as per the operational requirements.

 (C.O.NO 1) [Knowledge]

 6. Recall the part of MSA 1958 for wreck & salvage under section 9 as the owner of the aircraft shall be entitled to a reasonable reward for salvage services. (C.O.NO 5) [Knowledge]

 7. Describe the importance of Tokyo convention as it holds a primary regulation for pilots in command & for the passengers in flight after the aircraft doors are closed for embarkation purpose till the aircraft doors are opened for disembarkation purpose.

 (C.O.NO 5) [Knowledge]

 8. Describe no fly zone with the attributes associated with flying under the airmen category of scheduled and non-scheduled operations irrespective of revenue & non-revenue flight for the safety of civil aviation and its routing from the origin to the destination on both domestic & international flying keeping in mind the security protocol of the nation reconsidering one of the matters of Volcanic eruption as mentioned in NOTAM. (C.O.NO 3) [Knowledge]

 9. Recognize the concept of DG 7 it’s categories in aviation safety keeping in mind about the categories of aviation flying contributing the entire industry. (C.O.NO 4) [Knowledge]

10. State the aircraft act 1934 under the national law of India & its applicability’s on air regulation as rightly stated by the aviation security under annex 17 of ICAO document number 8973 to the Chicago convention by providing guidance on how to apply its standard & recommended practices.

 (C.O.NO 5) [Knowledge]

**Part B [Thought Provoking Questions]**

**Answer all the Questions. (4Qx10M=40M)**

1. Explain operational control with its three aspects of termination and its relevant applications of a flight as it forms the exercise of flying. (C.O.NO 2) [Comprehension]
2. Explain NOTAM with its importance. Express your aspects to NOTAM for its significances and limitations to the theory of non-flying into volcanic ashes after volcanic eruption.

 (C.O.NO 03) [Comprehension]

1. Explain Aircraft Operating Manual in relevance to CAR on the information details of the aircraft systems. (C.O.NO 01) [Comprehension]
2. Summarize the different types of bays in terms to operational delays and weight/balance constrain aspects of depth techniques to handle flight safety and OTP.

 (C.O.NO 05) [Comprehension]

**Part C [Problem Solving Questions]**

**Answer all the Questions. (2Qx20M=40M)**

1. Demonstrate your view about Kanishka tragedies. Schedule the chronology in detail. Relate the post lessons from the tragedy to avoid such further incidents. Solve the tragedy with outcomes to avoid the same in the future. (C.O.NO 3) [Application]

1. Write the aircraft acts and rules made in 1934 & 1937 respectively & also employ the sections with practical in-flight scenario and its applicability’s. (C.O.NO 5) [Application]