

**GUJARAT NATIONAL LAW UNIVERSITY
GANDHINAGAR**

Course: Air and Space Law
Semester- VIII (Batch: 2019-24)

End Semester Examination: May 2023

Date: 13th May, 2023

Duration: 3 hours

Max. Marks: 50

Instructions:

- Read the questions properly and write the answers in the given answer book.
- Do not write anything on the question paper.
- The respective marks for each question are indicated in-line.
- Indicate correct question numbers in front of the answer.
- No questions or clarification can be sought during the exam period, answer as it is, giving reason, if any.

- | | Marks |
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| Q.1 Describe the ad coelum doctrine. Describe in detail how significant is ad coelum in evolution of Air and Space Law? In 'Causby' case low-flying military planes caused the plaintiffs' chickens to "jump up against the side of the chicken house and the walls and burst themselves open and die". Make your argument based upon ad coelum doctrine. Discuss the significance of the Causby case in refinement of the air laws. | (10) |
| Q.2 Write a detailed analysis of Chicago Convention- Convention on International Civil Aviation, 1944 in shaping the Air Laws. Elaborate upon three major contributions of the Chicago Convention in the development of Air Law. Briefly discuss the role of ICAO in maintaining the order in Aviation. | (10) |
| Q.3 Safety Management Systems (SMS) implementation in aviation has two components- Safety Risk Management (SRM) and Safety Assurance (SA). What is the role of Reactive, Proactive and Predictive Risk Management Activities under the SMS? Also signify the difference in these approaches of Reactive, Proactive and Predictive Risk Management Activities. | (10) |
| OR | |
| <p>'The Moon and other celestial bodies shall be used by all States Parties to the Treaty exclusively for peaceful purposes'. How far the intention of the Outer Space Treaty is relevant in securing the notion of common heritage and is there any scope of balancing it with the national interests in line with sustainable development? Discuss with relevant provisions.</p> | |
| Q.4 Describe why ISRO is supporting the entry of private players in the space sector? In light of Draft Spacecom policy and initiation of space reforms in India analyse the status and efforts of India in this regard. Discuss the challenges and benefits of allowing the private sector to participate in the space sector. | (10) |
| Q.5 Short Note: Write short notes on any two of the following: | (5x2=10) |
| a) Absolute, Fault based Liability and Joint & Several Liability in space law | |
| b) NETRA | |
| c) Demilitarization & De-weaponization of space and impacts of Demilitarization & De-weaponization of space. | |
