

Roll No: -----



**UNIVERSITY OF PETROLEUM AND ENERGY STUDIES**

**End Semester Examination – March, 2019**

**Program/course: MBA(AVM) Sem-IV**  
**Subject: Aviation Regulatory Management**  
**Code : TRAV-8007**  
**No. of page/s: 2**

**Semester – IV**  
**Max. Marks : 100**  
**Duration : 3 Hrs**

**Section A (All Questions are Mandatory)**

1	Define/explain the following as per AERA Act 2008 a) For which Categories of Airports, AERA Act, 2008 may be applicable. b) Which services are the ‘aeronautical services’? Pl list out. c) Who are the members of Selection committee to recommend members? d) Which factors need to be considered for determination of tariff for aeronautical services? Pl list out in brief. e) Which are the functions of AERA? f) Discuss the power of AERA to call for information and to conduct investigation. g) How AERA can ensure transparency while discharging its powers and function? h) Discuss the functions of AERA appellate Tribunal. i) Who can make application for settlement of disputes to AERA appellate tribunal? j) What are the qualification for appointment of chairperson of AERA appellate tribunal?	[10x2]	CO 1 & CO2
<b>SECTION B (Attempt any Four Questions) Short Notes</b>			
2	Write/Explain in brief the following as discussed in AERA white paper a) Objectives of economic oversight of airports as per ICAO Doc 9562. b) Objectives of economic oversight of air navigation services as per ICAO Doc 9161. c) Discuss principles of regulatory process. d) Procedure for determination of Aggregate Revenue Requirement for Regulated Service(s) deemed ‘material and not competitive’ e) Discuss till approach to fixation of airport charges	[4x5=20]	CO 1 & CO2

	<b>SECTION C</b>		
3	<p>Write in detail for any of the two questions given below.</p> <p>(a) Discuss five regulatory approaches.</p> <p>(b) Discuss Navigation, Surveillance and Supportive Communication services under five broad heads.</p> <p>(c) List out the aeronautical services/activities pertaining to Navigation, Surveillance and Supportive Communication.</p>	[2 X 15 = 30]	<b>CO2 &amp; CO3</b>
	<b>SECTION D</b>		
4.	<p>Reply in detail all the three questions given below</p> <p>a) Discuss/Explain cargo-handling services in details.</p> <p>b) Discuss/Explain refueling/suppling fuel to aircraft services in details.</p> <p>c) Discuss the position ICAO, ACI and IATA on percent contributions from non-aeronautical revenues accruing from the operation of the airport to its operators for fixation of aeronautical charges.</p>	[3x10=30]	<b>CO 4</b> <b>(integration of CO1,2 &amp; 3)</b>

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**Section A (All Questions are Mandatory)**

1	Define the following with suitable examples as per AERA white paper. k) Fare rate of return l) Regulatory Asset Base (RAB) m) Depreciation n) Weighted Average Cost of Capital ( WACC ) o) Pre funding p) Operating expenditure q) Revenue share from non-aeronautical revenue r) User consultation s) Cost relatedness t) Joint cost	[10x2]	CO 1 & CO2
<b>SECTION B (Attempt any Four Questions) Short Notes</b>			
2	Write/Explain in brief the following as discussed in AERA white paper . f) Explain mandate for AERA. g) Discuss AERA regulatory principles. h) Discuss various regulatory approaches practiced by AERA. i) Discuss the scope of regulation as per AERA act. j) Discuss advantages and disadvantages of single till and dual till.	[5x4=20]	CO 1 & CO2

**SECTION C**

3

Write in detail for any of the two questions given below.

- (d) Discuss the powers of AERA tribunal for dispute settlement.
- (e) Discuss the provisions under which the chairman and members of AERA can be removed from the office.
- (f) Discuss the powers of Chairman and members of AERA Tribunal.

[2 X 15 =  
30]

**CO2 & CO3**

**SECTION D**

4.

Reply in detail all the three questions given below

- a) Discuss various building blocks for determination of airport charges.
- b) Discuss in detail the pre funding of airport projects.
- c) Discuss the fixation of price cap for aeronautical services and the rate of return regulation in the context of ANS services.

[3x10=30]

**CO 4**  
**(integration**  
**of CO1,2 &**  
**3)**

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