

Q 4.	Which of the following is a long term planning? (a) Airport personnel requirements (b) Tower staffing requirements (c) Airport master planning (d) Identification peaking effect (e) Identification of travel time sand delays		CO1
Q 5.	Write full form of the following in the context of forecasting (5x1=5) (a) DMA (b) DES (c) TES (d) CUSUM (e) ARIMA		CO1
Q 6.	Write full form of the following in the context of forecasting (5x1=5) (a) RRMS (b) MAPE (c) MAE (d) MAD (e) MSE		CO1

SECTION B

	Each question will carry 10 marks	(10x5)	
Q 7.	Discuss the relationship between forecasting, planning and decision-making.		CO2
Q 8.	Discuss market share method of forecasting.		CO2
Q 9.	Discuss airline market factors, including fares, flight frequency, and schedules		CO3
Q 10.	Discuss role of infrastructure constraints and improvements in demand forecasting		CO3

Q 11.	Discuss relative root mean square error.		CO3
SECTION-C			
	Question 12 carries 20 Marks (Each par carries 4 marks)	(5x4)	
Q 12.	<p>Explain the following with formula (5x4)</p> <ul style="list-style-type: none"> i. Mean percentage error. ii. Mean absolute percentage error. iii. Root mean square error. iv. Mean absolute error or deviation. v. Mean square error. 		CO4