

CP-9666

Sub. Code

92011

M.B.A. DEGREE EXAMINATION, NOVEMBER 2018

First Semester

Airline and Airport Management

MANAGEMENT PRACTICES

(2016 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Define Management.
2. What is ethics?
3. What is planning?
4. Define objectives.
5. Define the term "organization".
6. What is meant by departmentalization?
7. What is co-ordination?
8. Define Leadership.
9. What do you mean by TQM?
10. What is feed forward control?

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Describe the system approach to management.

Or

- (b) Briefly describe the general principles of management as laid down by Henri Fayol.

12. (a) Write a short note on Business Strategy.

Or

- (b) Describe the importance of planning.

13. (a) Explain the characteristics of an organization.

Or

- (b) Describe the matrix organization. What are its advantage and disadvantages?

14. (a) Discuss about the functions of communication.

Or

- (b) Discuss the need and importance of co-ordination.

15. (a) Define ROI. Explain the factors determining it.

Or

- (b) What is economic order quantity? How do you determine it?

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Explain the TOWS Matrix. How is it useful in arriving at a Strategy?

Or

- (b) Explain modern approaches to decision making under uncertainty.

17. (a) Explain the characteristics and process involved in decision making.

Or

- (b) Describe the approaches available to analyze management situation? Explain the system approach to operational management.

18. (a) How do you implement MBO in an organization? Draw a flow chart.

Or

- (b) Explain why MBO did not take off in Indian business organization.
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CP-9667

Sub. Code

92012

M.B.A. DEGREE EXAMINATION, NOVEMBER 2018

First Semester

Airline and Airport Management

ORGANISATIONAL BEHAVIOUR

(2016 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Define the term organizational behavior.
2. What is personality?
3. What is perception?
4. Define the term values.
5. What is Stress?
6. What are the causes of intra-personal conflict?
7. What is organization change?
8. Why do employees resist change?
9. Define organizational politics.
10. What is cultural diversity?

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Describe the significance of organizational behavior.

Or

- (b) What are the elements of organizational behavior?

12. (a) How does personality related to organizational behavior?

Or

- (b) What are attitudes? Explain in functions of attitudes?

13. (a) Discuss the causes and consequences of stress.

Or

- (b) What are the various individual and organizational strategies to manage stress?

14. (a) Identify the basic reasons for using political behavior.

Or

- (b) Discuss various organizational culture concepts.

15. (a) Explain the Global Scenario of organizational behavior.

Or

- (b) Distinguish between workforce diversity and management diversity.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Discuss the factors that influence the interpretation of data and information in the perceptual throughout process.

Or

- (b) Explain interpersonal conflicts with the help of johari window model.
17. (a) “Mild Stress is desirable and essential for individual and organizational performance” – Discuss.

Or

- (b) What is organizational climate? What are the factors affecting organizational climate?
18. (a) Discuss the homogeneity and heterogeneity of national cultures.

Or

- (b) What are some of the major reasons why diversity has become such an important dimension of today's organizations?
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CP-9668

Sub. Code

92013

M.B.A. DEGREE EXAMINATION, NOVEMBER 2018

First Semester

Airline and Airport Management

EXECUTIVE COMMUNICATION

(2016 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What is the meaning of encoding and decoding in communication?
2. What are electronic communications?
3. What is layout of a business letter?
4. What do you mean by demi official letter?
5. State the meaning of technical report.
6. State the meaning of executive summary.
7. Distinguish between visual and audiovisual communication.
8. What do you mean by kinesicks?
9. What is meant by Agenda?
10. What is the purpose of group discussion?

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Explain the communication cycle.

Or

- (b) What is grapevine? Explain its types.

12. (a) What are the functions of business letter?

Or

- (b) What are the essentials of business letter?

13. (a) What are the essential qualities of a good report?

Or

- (b) Explain the procedure for making effective oral presentation of a report.

14. (a) What are the problems in listening? Explain the methods of effective listening.

Or

- (b) Explain the procedure to conduct interview. What are the duties of an interviewer?

15. (a) Discuss the procedure to conduct seminars and conferences.

Or

- (b) Write short notes on :

- (i) Extempore speech
(ii) Brain storming.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) What are barriers to communication? Explain the methods to overcome barriers.

Or

- (b) Explain the objectives of writing business letters.
17. (a) What do you mean by the structure of reports? Explain the steps followed in writing a report.

Or

- (b) How can personal appearance, posture and body language be used to communicate effectively?
18. (a) What are the duties and responsibilities of chairman in a meeting?

Or

- (b) Bring out the salient features of written communication and electronic communication.
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CP-9669

Sub. Code

92014

M.B.A. DEGREE EXAMINATION, NOVEMBER 2018

First Semester

Airline and Airport Management

FINANCIAL AND MANAGEMENT ACCOUNTING

(2016 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What is an accounting?
2. What are the various classification of accounting?
3. Distinguish between double entry and single entry system.
4. What is current ratio?
5. Define fund flow statement.
6. How will you prepare a cash flow statement?
7. What is purchase budget?
8. What is internal rate of return (IRR)?
9. What is target costing?
10. What is B.E.P analysis?

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) What are the internal and external causes of depreciation?

Or

- (b) How will you prepare trial balance and final accounts?

12. (a) Write notes on :

- (i) Liquidity
(ii) Profitability.

Or

- (b) The following are the balance sheets of PQR Ltd. for the year 2000 and 2001 Prepare a fund flow statement for the year 2001.

Balance sheets

		(Rs. in Lacs)			
Liabilities	2000	2001	Assets	2000	2001
Share capital	300	460	Fixed Assets	630	690
General reserve	150	180	Investments	130	180
Profit and loss A/c	30	65	Debtors	135	220
Term loans	210	150	Stock	180	220
Sundry creditors	80	100	Bank balance	5	15
Bank overdraft	250	300	Other advances	25	30
Other liabilities	85	100			
	<u>1,105</u>	<u>1,355</u>		<u>1,105</u>	<u>1,355</u>

Additional information :

- (i) Dividend has been proposed @ 25% of the share capital. Additional capital of Rs. 160 lacs was brought in during the year 2001 and is eligible for dividend for the full. For 2001, the proposed dividend is included in other liabilities.
- (ii) Depreciation on fixed assets has been provided to the extent of Rs. 90 lacs.

13. (a) From the following balance sheets prepare cash flow statement for the year 2001:

Liabilities	1.1.2001	31.12.2001	Assets	1.1.2001	31.12.2001
Creditors	40,000	44,000	Cash	10,000	7,000
Loan from X	25,000	–	Debtors	30,000	50,000
Loan from bank	40,000	50,000	Stock	40,000	25,000
Capital	1,25,000	1,53,000	Machinery	80,000	55,000
			Land	35,000	50,000
			Buildings	35,000	60,000
	<u>2,30,000</u>	<u>2,47,000</u>		<u>2,30,000</u>	<u>2,47,000</u>

During the year a machine costing Rs. 10,000 with accumulated depreciation Rs. 3,000 was sold Rs. 5,000.

Or

- (b) A department of company X attains sales of Rs. 60,000 at 80% of its normal capacity and its expenses are given below :

Administrative costs :

Office salaries	Rs. 90,000
General expenses	2% of sales
Depreciation	Rs. 7,500
Rates and taxes	Rs. 8,750

Selling costs :

Salaries	8% of sales
Travelling expenses	2% of sales
Sales office	1% of sales
General expenses	1% of sales

Distribution costs :

Wages	Rs. 15,000
Rent	1% of sales
Other expenses	4% of sales

Draw up flexible administration, selling and distribution costs budget, operating at 90%, 100% and 110% of normal capacity.

14. (a) What are the benefits of activity -based costing?

Or

- (b) What are the merits of ratio analysis?

15. (a) Write briefly about cost-volume-profit analysis.

Or

- (b) Find out margin of safety given : Actual sales Rs. 80,000, P/V ratio is 40%, Fixed cost Rs. 12,000.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Explain the concepts and conventions of accounting.

Or

- (b) From the following ledger balances extracted from the books of Mrs. Agarwal & Bros., prepare Trading and profit and loss account and balance sheet.

Particulars	Amount (Rs.)
Capital	1,00,000
Overdraft	16,800
Furniture	10,400
Business premises	80,000
Creditors	55,200
Opening stock	88,000
Debtors	72,000
Rent from tenants	4,000
Purchases	4,40,000
Sales	6,02,000
Returns inwards	10,000
Discounts (Cr)	1,600
Taxes and insurance	8,000
General expenses	16,000
Salaries	36,000
Commission allowed	8,800
Carriage on purchases	7,200
Bad debts	3,200
Closing stock	80,240

17. (a) What is a cost sheet? Give specimen of cost sheet.

Or

- (b) From the following particulars, prepare a production budget of a company for the year ended 30 June 2005 :

Product	Sales (unit as per sales budgets)	Estimated stock units	
		1 July 200	30 June 2005
A	50,000	14,000	15,000
B	1,00,000	5,000	14,500
C	70,000	8,000	8,000

18. (a) Explain the various types of budgets.

Or

- (b) Explain budgetary control and standard costing.

CP-9670

Sub. Code

92015

M.B.A. DEGREE EXAMINATION, NOVEMBER 2018.

First Semester

Airline and Airport Management

STATISTICAL METHODS

(2016 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Define linear and non-linear function with an example.
2. Define optimization.
3. Define grouped data.
4. Define median.
5. State addition theorem on probability.
6. A coin is tossed twice. Find the probability of getting atleast one head.
7. Write Fisher's ideal index number for price and quantity.
8. Define simple index number.
9. What is critical region?
10. Define null hypothesis.

Part B**(5 × 5 = 25)**Answer **all** questions.

11. (a) Write about Mathematical models.

Or

- (b) Integrate the following :

$$\int (3x^3 + 7x^2 - 2x + 1) dx$$

$$\int (x-1)(x-2) dx$$

$$\int (2e^x + 3x^2 - 2 \cos x) dx$$

12. (a) Distinguish between correlation and regression.

Or

- (b) Find the median of the following distribution :

$$x: 1 \quad 2 \quad 3 \quad 4 \quad 5 \quad 6$$

$$f: 7 \quad 12 \quad 17 \quad 19 \quad 21 \quad 24$$

13. (a) If 3% of the electric bulbs manufactured by a company are defective. Find the probability that in a sample of 100 bulbs exactly five bulbs are defective. (
- $e^{-3} = 0.0498$
-).

Or

- (b) Binomial distribution with parameters
- $n = 5, p = 0.3$
- . Find the probabilities of getting.

→ at least 3 success

→ at most 3 success

→ exactly 3 failures.

14. (a) Write down the variations in time series for business forecasting.

Or

- (b) Explain time reversal test.

15. (a) Explain single and two tailed tests briefly.

Or

- (b) The mean weights of 50 male students who showed above average participation in college athletics was 68.2 inches with standard deviation of 2.5 inches while, 50 male students who showed no interest in such participation had a mean weight of 67.5 inches with S.D. of 2.8 inches. Test the hypothesis that the male students who participated in college athletics are taller other male students.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Using appropriate regression line, find y when $x = 64$.

X: 65 66 67 67 69 71 72 70 65

Y: 67 68 69 68 70 70 69 70 70

Or

- (b) Obtain rank correlation coefficient for the following data :

X: 68 64 74 50 64 80 74 40 55 64

Y: 62 58 67 45 81 60 67 48 50 70

17. (a) The number of accidents in a year attributed to taxi drivers in a city as follows a poisson distribution with mean equal to 3 out of 1,000 taxi drivers. Find approximately the number of drivers with
- * No accident in a year
 - * More than 3 accidents in a year
 - * More than 2 accidents in a year.

Or

- (b) An integer is chosen at random out of the integer 1 to 100. What is the probability that it is
- * A multiple of 5
 - * Divisible by 7
 - * Greater than 70.
18. (a) Constants of χ^2 distribution — Explain.

Or

- (b) Calculate the price index and quantity index and Fisher's ideal formula and then verify that Fisher's ideal formula satisfies factor reversal test.

Commodity	Base year		Current year	
	Price	Quantity	Price	Quantity
A	5	25	6	30
B	3	8	4	10
C	2	10	3	8
D	10	4	3	5

CP-9671

Sub. Code

92016

M.B.A. DEGREE EXAMINATION, NOVEMBER 2018.

First Semester

Airline and Airport Management

AIRPORT ECONOMICS

(2016 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Define the term infrastructure economics.
2. List out the airport categories.
3. Define delay and its types.
4. What do you mean by airport congestion?
5. Define airport charges and types of airport charges.
6. List out the sources of airport revenue.
7. Write down the pricing objectives.
8. What do you mean by intermodalism?
9. State the meaning of open sky policy.
10. What are the objectives of regulations?

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Explain the functions of Airport.

Or

- (b) Describe the consumer behaviour model.

12. (a) Narrate the factors affecting delay.

Or

- (b) Explain the process of passenger flows in terminal building.

13. (a) Explain the Hub and spoke airport strategies.

Or

- (b) What are the goals of airport finance?

14. (a) Describe the approaches determining airport cost.

Or

- (b) Explain the principles of airport pricing and factors that determine pricing.

15. (a) Describe the various regulatory techniques and forms of regulatory mechanism.

Or

- (b) Explain the various forms of airport privatization.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Narrate the economic features of an Airport.

Or

- (b) Explain an organizational structure of an Airport.

17. (a) Explain the various sources of Airport Revenues.

Or

- (b) Narrate about the Airport Competitive factors.

18. (a) How are Airport performance measured? State the importance of measuring standards for Airport Services.

Or

- (b) Explain the advantages and disadvantages of Airport Privatization.
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CP-9672

Sub. Code

92021

M.B.A. DEGREE EXAMINATION, NOVEMBER 2018

Second Semester

Airline and Airport Management

HUMAN RESOURCE MANAGEMENT

(2016 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Outline the scope of HRM.
2. Define HR Planning.
3. What is job description?
4. Define job design.
5. Why do employees resist Training?
6. Why is demotion required?
7. What is meant by Compensation?
8. Differentiate between Wage and Salary.
9. Define arbitration.
10. What are the goals of trade unions?

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Write a detailed note on the various methods of HR Accounting.

Or

- (b) Explain the administrative roles played by the HR manager and summarize the operational and strategic roles of Human Resource Manager.
12. (a) Determine the various internal and external factors in the organization which affect the recruitment programme.

Or

- (b) Explain the various factors affecting selection process and the barriers to effective selection.
13. (a) Discuss the common practices/methods of Executive Development programme.

Or

- (b) Elucidate the advantages MBO have over traditional method of performance evaluation and explain its weakness.
14. (a) Describe the various categories of Employee Benefits.

Or

- (b) Analyze the various methods of wage payment and the importance and limitations of incentives.

15. (a) Elaborate the role of trade unions in maintaining industrial peace.

Or

- (b) Explain the government machinery for prevention of industrial disputes.

Part C (3 × 10 = 30)

Answer **all** questions.

16. (a) Outline the role of computer applications in HRM.

Or

- (b) Compare and contrast the Modern and Traditional approach to performance appraisal.

17. (a) What is your opinion about the growth of trade union movement in India? Add a note on its importance towards the organizational success.

Or

- (b) Draft a step-by-step procedure that has to be followed in implementing the following student centred techniques.

(i) Brain-storming

(ii) Sensitivity Training

18. (a) Based on your learning draft a suitable Rewards and Recognition program for a startup.

Or

- (b) Explain the various methods or techniques of controlling in an organisation.

CP-9673

Sub. Code

92022

M.B.A. DEGREE EXAMINATION, NOVEMBER 2018

Second Semester

Airline and Airport Management

BUSINESS RESEARCH METHODS

(2016 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Identify the criteria of good research.
2. What are the characteristics of hypothesis?
3. How would you identify Exploratory Study?
4. What is Multidimensional scaling?
5. Define Questionnaire.
6. What is meant by Feedback?
7. Identify the purposes of coding.
8. What is meant by Criterion Variable?
9. Define Bibliography.
10. What is meant by the footnotes?

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Identify the different types of hypothesis.

Or

- (b) Analyze the importance of sampling technique.

12. (a) Classify the different factors affecting external validity and construct validity.

Or

- (b) Elaborate the concept of completely randomized design.

13. (a) How To Make Interview Successful? Explain.

Or

- (b) Explain in detail the construction of questionnaire.

14. (a) What are the methods involved in discriminate analysis? Discuss.

Or

- (b) How do you conduct ‘T’ test and explain its applications in business research?

15. (a) List the eight vital guidelines that the client should remember while evaluating the goodness of a research report.

Or

- (b) Explain the different types of report.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Examine the various types of research and their relative merits and demerits.

Or

- (b) What are the different methods of scales construction, pointing out the merits and demerits of each?

17. (a) Distinguish between probability and non probability sampling methods.

Or

- (b) Explain the different methods of collecting data.

18. (a) Write a short notes on :

- (i) Cross Tabulation
- (ii) Multi-collinearity
- (iii) Coefficient of variation
- (iv) Analysis of Variance.

Or

- (b) Discuss the various ethical issues involved in research.
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CP-9674

Sub. Code

92023

M.B.A. DEGREE EXAMINATION, NOVEMBER 2018

Second Semester

Airline and Airport Management

QUANTITATIVE TECHNIQUES

(2016 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What is slack variable?
2. What is Two phase method?
3. Define Transportation.
4. What do you mean by Least cost method (LCM)?
5. What do you mean by Travelling Salesman Problem?
6. What is the purpose of PERT?
7. Define Johnson's rule.
8. What is critical path method (CPM)?
9. What is Decision theory?
10. How waiting time cost is related to queuing system?

Part B**(5 × 5 = 25)**Answer **all** questions.

11. (a) Analyze the following LPP by Simplex Method:

$$\text{Max } Z = 3x_1 + 2x_2$$

Subject to

$$2x_1 + x_2 \leq 2,$$

$$3x_1 + 4x_2 \geq 12,$$

$$3x_1 + 4x_2 \leq 0 \text{ and}$$

$$x_1, x_2 \geq 0.$$

Analyse and find the value of x_1, x_2 ?

Or

- (b) Maximize
- $Z = 4x_1 + 2x_2$

Subject to the constraints

$$-x_1 - x_2 \leq -3$$

$$-x_2 + x_2 \geq -2, \quad x_1, x_2 \geq 0.$$

Find the dual of the following LPP and solve it.

12. (a) Analyze the transportation problem with unit transportation costs, demand, and supply as given below:

		Destination				Supply
		D1	D2	D3	D4	
Source	S1	6	1	9	3	70
	S2	11	5	2	8	55
	S3	10	12	4	7	70
Demand		85	35	50	45	

Apply VAM for Initial solution

Or

- (b) Analyze and solve the following transportation problem to maximize profit.

	A	B	C	D	Supply	
	15	51	42	33	23	
Source	2	80	42	26	81	44
	3	90	40	66	60	33
Demand	23	31	16	30	100	

Analyze and find out the final Solution by using MODI Method.

13. (a) Explain the critical path method in operation management.

Or

- (b) Elucidate the advantages of PERT.

14. (a) A cost of a machine is 6100 and its scrap value is Rs. 100. The maintenance Cost from the experience are as follows:

Year	1	2	3	4	5	6	7	8
Maintenance cost	100	250	400	600	900	1200	1600	2000

Analyze when the asset can be replaced.

Or

- (b) Explain the characteristics of Queuing Models.

15. (a) Suggest a method to sequence 'n' jobs in 'm' machines? Explain.

Or

- (b) Explain the method of processing A jobs through M machines.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) An animal feed company must produce 200 Kg of a mixture consisting of ingredients x_1 and x_2 respectively x_1 cost Rs.3 per kg and x_2 cost Rs.8 per kg. not more than 80 Kg of x_1 can be used and atleast 60 Kg of x_2 must be used. Interpret how much of each ingredient must be used to minimize cost.

Or

- (b) Explain the differentiation between balanced transportation problem and Unbalanced Transportation Problem.
17. (a) Explain PERT and CPM. State the differences between PERT and CPM.

Or

- (b) PERT provides the framework with which a project can be described, scheduled and the controlled? Discuss.
18. (a) Write an essay on various queuing models in detail.

Or

- (b) Describe Kendall's Notation for identifying a Queue Model with two channels, Poisson arrivals, exponential service and infinite calling population.

CP-9675

Sub. Code

92024

M.B.A. DEGREE EXAMINATION, NOVEMBER 2018

Second Semester

Airline and Airport Management

PRINCIPLES OF AVIATION MANAGEMENT

(2016 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. How is aviation industry classified?
2. State the meaning of air space.
3. What is meant by airport terminal?
4. State the meaning of low cost airport.
5. What is the need for safety audit of airline?
6. What is the meaning of open sky policy?
7. What is the use of short circuit TV in airports?
8. State the meaning of fractional ownership of aircraft.
9. What does FBO mean?
10. Expand the abbreviation : ARTCC and TRACON.

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) List out the benefits of air transportation to society.

Or

- (b) Enumerate the principles of organisation.

12. (a) What are the consequences of mergers and acquisition in airline industry?

Or

- (b) What is meant by airport capacity? Explain the management of airport capacity.

13. (a) Describe the principles of airport price regulation.

Or

- (b) Enumerate the aeronautical and non-aeronautical services.

14. (a) List out the regulatory techniques of airport practices.

Or

- (b) Describe the various types of fixed base operators.

15. (a) What is meant by incident in airport? Explain the methods of reducing incidents.

Or

- (b) Trace the history airport privatisation in India.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Explain the functions of airline management.

Or

- (b) Describe the nature of functions in airport terminals.

17. (a) Explain the functions of DGCA.

Or

- (b) Enumerate the functions of general aviation industry.

18. (a) Explain the methods of identifying threats and risks in airports.

Or

- (b) Why do Governments privatise airports? Discuss the various forms of privatisation.

CP-9676

Sub. Code

92025

M.B.A. DEGREE EXAMINATION, NOVEMBER 2018

Second Semester

Airline and Airport Management

AIR CARRIER OPERATIONS

(2016 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What is an Air Carrier?
2. What is meant by Law of torts?
3. What is Clear way?
4. Define V_1 and V_2 take off speed.
5. What is meant by sterile cockpit rules?
6. What is Observer Seat?
7. What is Load Manifest?
8. What is meant by WAT? Who prepares it?
9. Difference between Dry Lease and Wet lease.
10. Expand the following
 - (a) LAHSO
 - (b) CASE
 - (c) ARTS
 - (d) CFR.

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Explain the different types of operations performed by an air carrier.

Or

- (b) Describe the Management positions under FAR part 135. Briefly explain.

12. (a) Narrate the organisational structure of an air carrier with a diagram.

Or

- (b) Explain the operations specification for an air carrier.

13. (a) What are the airworthiness requirements? Briefly explain.

Or

- (b) What are the four types of operating manuals? Briefly explain.

14. (a) Write briefly about the flight dispatcher and his/her functions under part 121.

Or

- (b) Distinguish between Dispatch release document and flight release document.

15. (a) Briefly explain about Inoperable Instruments and equipments.

Or

- (b) Describe people Express Exemption 3585.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) What are the tests the FAA uses in determining if an individual or company is acting as a common carrier?

Or

- (b) Explain the Required Management Position under FAR Part 121.

17. (a) Explain the different types of operations performed by an air carrier.

Or

- (b) Narrate about the instruments and equipments should be operational for take off.

18. (a) Explain Airplane Security Programme.

Or

- (b) What is Alcohol Prevention Programme explain in detail?
-

CP-9677

Sub. Code

92026

M.B.A. DEGREE EXAMINATION, NOVEMBER 2018

Second Semester

Airline and Airport Management

AIRLINE AND AIRPORT MARKETING

(2016 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Define airline Business.
2. What is the use of distribution channel in airline industry?
3. What is Open Skies Agreement?
4. Differentiate between dry lease and wet lease.
5. What is product mix?
6. Define Airport marketing.
7. Give two examples of primary hub airports.
8. Who is an air charter broker?
9. List the soft providers in the value chain.
10. What do you mean by low cost airports?

Part B**(5 × 5 = 25)**Answer **all** questions.

11. (a) Explain the pricing policy of airline industry?

Or

- (b) Write briefly about the non-aviation related revenues for an airport.

12. (a) Define “Product” with reference to Airline Industry and discuss Product Life Cycle.

Or

- (b) Explain the pivotal roles played by the two primary actors in the air transport value chain?

13. (a) Define Air Travel Market and its types.

Or

- (b) What are the three types of airport alliances? Briefly write about the benefits of these alliances?

14. (a) Explain Porter’s 5 forces theory with reference to Airline Industry.

Or

- (b) Write short notes on logistic services and property management services at the airport.

15. (a) Discuss the major benefits of brand image.

Or

- (b) Describe the strategies adopted to improve market share in airport business.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Define distribution system and different distribution systems adopted by airline industry.

Or

- (b) London city airport is best in class providers in the airport business. Explain.

17. (a) Discuss the future of Airline Marketing.

Or

- (b) Explain the features of low cost airport and low cost airline.

18. (a) Write a detailed note on PESTE Analysis of Airline Industry.

Or

- (b) Who are the two main SBU's of the airport enterprise?
-

CP-9678

Sub. Code

92027

M.B.A. DEGREE EXAMINATION, NOVEMBER 2018

Second Semester

Airline and Airport Management

PRINCIPLES OF LOGISTICS MANAGEMENT

(2016 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What are the objectives logistic management?
2. Define outsourcing.
3. Discuss the concept of Supply chain.
4. What are the different strategies followed in supply chain?
5. What is 4PL?
6. Define Packaging.
7. Write short note on optimized network.
8. State the term of web based tracking.
9. What are the benefits of control process framework?
10. Write the levels of measurement and information flow?

Part B**(5 × 5 = 25)**Answer **all** questions.

11. (a) Discuss the recent trends in logistics with suitable example.

Or

- (b) List the main characteristics and barriers for sourcing strategy.
12. (a) Compose the different methods for selecting the proper channel in detail with diagram.

Or

- (b) Explain decision phases in a supply chain and process views in detail.
13. (a) Bring out the factors affecting Transportation decisions in detail.

Or

- (b) Discuss the various design options for a distribution network.
14. (a) Describe the framework for IT adoption in logistics and supply chain in detail.

Or

- (b) Brief about the problems and prospects of global logistics.
15. (a) Evaluate various performance measurements to be considered by supply chain with a example.

Or

- (b) Discuss the obstacles of the supply chain integration.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Critically review the current trends in retail logistics with live industry example from Indian companies.

Or

- (b) Logistics is the key to the success of supply chain of a retail organization – Explain.
17. (a) A transportation cost has got a great impact on the cost and management effectiveness with regard to operations – Elaborate.

Or

- (b) Choose a successful Indian company of your choice which has got a phenomenal alliances and partnerships and explain its supply chain management and inbound and outbound logistics operation in a detailed manner.
18. (a) Why does the logistician consider the storage system an economic convenience rather than a necessity? Summarise.

Or

- (b) Describe the goal of a supply chain and explain the impact of supply chain decisions on the success of a firm.

CP-9679

Sub. Code

92031

M.B.A. DEGREE EXAMINATION, NOVEMBER 2018

Third Semester

Airline and Airport Management

AVIATION AND AIRPORT SECURITY

(2016 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What do you mean by customer service?
2. Define logistics management.
3. What do you mean by costing?
4. Name the types of warehouse.
5. Define distribution channel.
6. What is activity of Metal Detector?
7. What is global logistics?
8. What is activity based costing??
9. What is Media Intrusion?
10. What do you mean by logistics organization?

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Explain briefly cockpit door.

Or

(b) Explain E.C.A.C.

12. (a) Explain about the sky marshal program.

Or

(b) Describe the function of federal Air marshal program.

13. (a) Explain Taggants in detail.

Or

(b) Describe about the trace detection technology.

14. (a) Differentiate blast containment and blast management.

Or

(b) Explain about passive millimeter and active millimeter wave imaging.

15. (a) Explain about initial public response in relation to security.

Or

(b) Discuss briefly about Microwave Holographic Imaging.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Briefly explain about the operations to the aviation industry.

Or

- (b) What is counter terrorism? Explain three counter terrorist units in detail.

17. (a) Explain door frame metal detectors and hand-held metal detector.

Or

- (b) What is a metal detector? Explain the procedure of selecting a metal detector.

18. (a) What do you mean by the term “Air piracy? What are the measures taken to prevent air piracy?

Or

- (b) Discuss the Modus Operandi of Osama Bin Laden in Middle East.

CP-9680

Sub. Code

92032

M.B.A. DEGREE EXAMINATION, NOVEMBER 2018

Third Semester

Airline and Airport Management

STRATEGIC AIRPORT PLANNING

(2016 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Define airport Strategic.
2. What are the aim and scope of airport planning?
3. What are the sources of airport revenues?
4. What are the corporate vision of airport management?
5. What is scenario writing?
6. Describe the planning techniques?
7. What is Airport Beacon?
8. What are the components of airport?
9. What are the objectives of Air traffic control?
10. List out the different types of terminal design with neat sketch.

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Explain about Institutional changes in the aviation sector.

Or

- (b) Explain about the airport planning process goals and objectives.

12. (a) Briefly state the functions of General Aviation.

Or

- (b) Describe the Military Aviation.

13. (a) Explain the national planning concerns towards strategic airport planning.

Or

- (b) Explain Airport System Design process.

14. (a) Describe the Navigational Aids used in Airfield.

Or

- (b) Describe the Function of Airport Manager.

15. (a) Describe the Airspace classes in detail.

Or

- (b) Explain the components of the airport terminal.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Briefly the development of Airport Planning process.

Or

- (b) Briefly explain about the environmental concerns of aviation industry.

17. (a) Briefly explain about the Airfield Lighting with neat sketch.

Or

- (b) Describe the Air traffic Control and surveillance.

18. (a) Enumerate the economic, political, and social roles of airports.

Or

- (b) Explain Airport system planning process in detail.
-

CP-9681

Sub. Code

92033

M.B.A. DEGREE EXAMINATION, NOVEMBER 2018

Third Semester

Airline and Airport Management

AIRLINE FINANCE MANAGEMENT

(2016 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What are the tools of financial statement?
2. What do you meant by frequents flyer award?
3. What is public deposit?
4. Commercial papers.
5. Name the types of capital budgeting.
6. What is tangible assets?
7. What is hire purchase?
8. Define airline leasing.
9. What do you meant by fuel exposure to exchange fluctuation?
10. Define mergers.

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Explain about cash flow statement.

Or

- (b) What are the scope and limitation of financial statement?

12. (a) Write short notes on :

- (i) The equity capital
- (ii) The public issues of shares.

Or

- (b) Write short notes on :

- (i) The Deferred income
- (ii) The trade credit.

13. (a) Explain the nature and need for working capital.

Or

- (b) Explain investment decision in aircraft finance management.

14. (a) What are the types of aircraft leasing?

Or

- (b) What are the types of securitization?

15. (a) What are the methods of airline privatization?

Or

- (b) Explain about airline finance planning.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Explain the scope and function of financial management.

Or

- (b) Discuss about venture capital.

17. (a) What is capital budgeting? Explain about capital budgeting with types.

Or

- (b) Explain about internal and external sources of airline finance.

18. (a) Discuss about foreign exchange.

Or

- (b) Discuss about valuation of airline traffic rights.

CP-9682

Sub. Code

92034

M.B.A. DEGREE EXAMINATION, NOVEMBER 2018

Third Semester

Airline and Airport Management

AIRLINE OPERATIONS MANAGEMENT

(2016 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Define budget.
2. What you meant by health emergency?
3. Who is a blind passengers?
4. What is drop off?
5. What is baggage loss?
6. What are the types of baggage?
7. Define ramp security.
8. Define SICA.
9. What is safety personal protective equipment?
10. Define GSE.

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Draw the organizational structure of airline and explain it.

Or

- (b) Explain about the airport revenue.

12. (a) Explain in need and purpose of document verification in passenger handling system.

Or

- (b) Discuss about fast travel programme in aircraft.

13. (a) Explain about bar codes and its functions.

Or

- (b) Explain about baggage management system.

14. (a) What are the rules following for food safety standards in airline catering industry?

Or

- (b) Explain about hygiene audits.

15. (a) What are the tools in mitigating safety risk in airside safety system?

Or

- (b) Explain about the threats to airside safety in aircraft.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Discuss the do's or don'ts of fire emergency situation in airline station.

Or

- (b) What are the role and responsibilities on station manager?

17. (a) What are the steps following to handle the passenger in aircraft?

Or

- (b) Discuss about role and responsibilities of baggage service staffs.

18. (a) Write short notes on
- (i) The risk management system
 - (ii) The foreign object damage.

Or

- (b) Write short notes on
- (i) How to improve passenger safety in airline industry?
 - (ii) The safety awareness in aircraft.

CP-9683

Sub. Code

92035

M.B.A. DEGREE EXAMINATION, NOVEMBER 2018

Third Semester

Airline and Airport Management

AIR CARGO MANAGEMENT

(2016 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Define logistics.
2. What you meant by air cargo way?
3. What is air cargo?
4. What is voyage?
5. What you mean by time charters?
6. Define freighters.
7. What are the types of aircraft load?
8. What is commercial invoice?
9. Define ICAO.
10. What is airline prefix?

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) What are the factors influencing growth in aircraft logistics?

Or

- (b) Explain about air logistic in India.

12. (a) Explain about freight determination for cargo in airways.

Or

- (b) Explain about air cargo freight rates.

13. (a) Write short note on airline score.

Or

- (b) What are the limitation in air cargo loading?

14. (a) Write short on export license in air cargo.

Or

- (b) Explain about government regulation and formalities in air cargo documentations.

15. (a) Explain about air freight forwarders associations.

Or

- (b) Explain about role and functions of IATA.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Explain about :
- (i) Significance of air transportation in logistics.
 - (ii) Innovative schemes to popularize air cargo.

Or

- (b) Explain about :
- (i) Air cargo elasticity
 - (ii) Charges collect shipments.
17. (a) What are the types of airway bills? Its explain.

Or

- (b) What are the documents to follow air cargo? Its explain.
18. (a) Discuss about freight forwarder in international air cargo.

Or

- (b) Explain about warehousing agents in air cargo.
-

CP-9684

Sub. Code

92036

M.B.A. DEGREE EXAMINATION, NOVEMBER 2018

Third Semester

Airline and Airport Management

FUTURE AVIATION SYSTEMS

(2016 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What is information management?
2. Define Attitudes.
3. Define The Gap.
4. Define leadership.
5. What is continual change?
6. What is human machine interface?
7. Define Air traffic.
8. Define ATC system.
9. Define mobility in the aircraft.
10. What is industrial design?

Part B**(5 × 5 = 25)**Answer **all** questions.

11. (a) Explain about top level synthesis.

Or

(b) Explain about commercial and privatization of airport.

12. (a) Explain about resource management in aircraft.

Or

(b) Explain about inevitability of change in aircraft.

13. (a) What are the changes in human factors?

Or

(b) Explain about mental models in human.

14. (a) Explain about future air traffic management system.

Or

(b) Explain about general aviation community in aircraft.

15. (a) What are the stages of design in aircraft and explain it?

Or

(b) Explain about the complementary services in aircraft.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Explain about:
- (i) Gate to gate concept
 - (ii) Screening hold baggage.

Or

- (b) Discuss about laws for cockpit instrument display design in aircraft.
17. (a) Explain about changes in technology and changes in air traffic control concepts.

Or

- (b) Explain about training and system changes in aircraft.
18. (a) Explain about Ergonomic principles.

Or

- (b) Explain about Surveillance air traffic management.
-

CP-9685

Sub. Code

92037

M.B.A. DEGREE EXAMINATION, NOVEMBER 2018

Third Semester

Airline and Airport Management

TRAVEL AND TOURISM MANAGEMENT

(2016 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Define a pass port.
2. What is meant by an Itinerary? Cite a relevant example.
3. Write the full form of WTTC.
4. What is meant by a tour package?
5. List the three leading travel agencies in the World.
6. Define a wholesaler.
7. What is meant by travel trade?
8. Define a VISA.
9. What are the principal sectors in the tourism industry?
10. Name the common requirements of customers seeking accommodation.

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Write short notes on the various transportation types.

Or

- (b) Write briefly on the classification of hotels.

12. (a) Discuss in brief on the aims and objectives of UFIAA.

Or

- (b) Write short notes on “TOURISM TRENDS”.

13. (a) Write about the types of passports and the documents required for acquiring a passport.

Or

- (b) List the Do's and Dont's of Itinerary preparation.

14. (a) Write short notes on the roles and responsibilities of Ground operators.

Or

- (b) “Travel Insurance is mandatory for international travel”. Discuss in brief.

15. (a) Explain the role of geography in planning travel Itineraries.

Or

- (b) Write short notes on the components of tour cost.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Elaborate on the inevitable role of the sales distribution system in the tourism industry.

Or

- (b) Write in detail on the steps in tour package pricing and tour pricing strategies.
17. (a) Narrate in detail the business strategies and activities of Thomas Cook, COX and Kings, and American Express.

Or

- (b) “Travel Trade in India”– Discuss.
18. (a) Write in detail on the significance of various linkages and Integration with the principal service provides for the economic growth of tourism industry with illustrations.

Or

- (b) Explain in detail the benefits of IATA approval for a travel agent and the documentation procedures required for IATA accreditation.

CP-9686

Sub. Code

92041

M.B.A. DEGREE EXAMINATION, NOVEMBER 2018

Fourth Semester

Airline and Airport Management

AVIATION MAINTENANCE MANAGEMENT

(2016 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Define "Redesign". When is it done?
2. What is inventory control?
3. Define Goal.
4. What is a L.R.U?
5. Define Ergonomics.
6. What are oversight functions?
7. Define "Operational Check".
8. Define "Quality Assurance".
9. What are airline generated documents?
10. What are F.A.A. and J.A.A.

Part B

(5 × 5 = 25)

Answer **all** questions choosing either (a) or (b).

11. (a) What are the purposes served by Task Oriented activities?

Or

- (b) State the important role of A.D.

12. (a) Draw a neat organisational chart for a typical “M & E.” Organisation.

Or

- (b) What are basic inspection policies?

13. (a) Explain briefly “Contract maintenance” in aviation maintenance.

Or

- (b) What is the purpose of T.P.P.M. and what are its contents?

14. (a) Explain any two types of reliability processes.

Or

- (b) State the primary responsibilities of maintenance safety manager.

15. (a) Explain the airline uses of computer.

Or

- (b) State the several kinds of training activities.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Explain the goals and objectives of aircraft maintenance.

Or

- (b) Explain the various functions of Maintenance Engineering Department.
17. (a) What are the main characteristics of MSG-3 approach to maintenance and explain how it differs from MSG-2 approach.

Or

- (b) Explain human factors in Maintenance.
18. (a) Explain the elements of a reliability program.

Or

- (b) Explain “Line” and “Hangar” maintenance activities.
-

CP-9687

Sub. Code

92042

M.B.A. DEGREE EXAMINATION, NOVEMBER 2018

Fourth Semester

Airline and Airport Management

AIR TRAFFIC CONTROL

(2016 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What is short term memory?
2. Define Illusion.
3. What is auditory perception?
4. What is “Visual Imagery”?
5. What is stressors? Give two examples of stressors.
6. What do you understand by the term compliance?
7. Define ergonomics.
8. Name four styles used in communication.
9. What do you mean by the term “Information Seeking” and “Information giving”?
10. How does latent human failure occur?

Part B**(5 × 5 = 25)**Answer **all** questions.

11. (a) Explain various Modelling errors in detail.

Or

- (b) Explain Reason Model in A.T.C.

12. (a) Explain Simple Model of Information processing with a diagram.

Or

- (b) Explain circadian rhythms.

13. (a) What are the important characteristics of a memory?

Or

- (b) What are the factors that make air traffic controllers to make safe decisions?

14. (a) How does communication failure take place between pilot and the controller?

Or

- (b) Explain the four stages of development of a team or group.

15. (a) What is Fatigue? Explain the effects of fatigue.

Or

- (b) What is situation awareness? What system is used to enhance situation awareness? Explain briefly.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Explain Shell Model in details.

Or

- (b) Explain various Cognitive abilities and psycho – motor skills required during selection of air traffic controller.

17. (a) What is G.N.SS? What are its advantages?

Or

- (b) Explain why humans are better than machines and why machines are better than humans.

18. (a) What is stress? Explain the causes of stress and how to manage stress in ATC environment.

Or

- (b) Draw the structure of an eye and explain its various functions in ATC environment.
-

CP-9688

Sub. Code

92043

M.B.A. DEGREE EXAMINATION, NOVEMBER 2018

Fourth Semester

Airline and Airport Management

AVIATION RULES AND REGULATIONS

(2016 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Write the purpose of Aircraft Act 1934.
2. List out the Rule Nos. related to Aircraft Registration.
3. What is Restricted Type Certificate (RTC)?
4. What is Temporary C of R?
5. What is CAR-M Approved organisation?
6. What is Certificate of Release to Service (CRS)?
7. What are the information to be furnished in the initial aircraft defect report?
8. What is RTR license?
9. Write the categories of MEL items.
10. What are the conditions for allotment of Exit Row seat in passenger aircraft?

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Explain the procedure for issue of mandatory modification.

Or

- (b) Explain section 8 of Aircraft Act 1934.

12. (a) Explain the occasions of cancellation of certificate of registration of aircraft.

Or

- (b) Write short note on export C of A.

13. (a) Explain the one-off certification authorisation and limited certificate authorisation in a CAR-145 approved organisation.

Or

- (b) Explain the Maintenance Organisation Exposition (MOE) of CAR-145 approved organisation.

14. (a) Explain the requirements for issue and also for the continued validity of AME license under CAR-66.

Or

- (b) Explain the requirements for issue of Airline Transport Pilot License (ATPL).

15. (a) Explain Aerodrome Manual.

Or

- (b) Explain the procedure of preparation and approval of Minimum Equipment List (MEL).

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) List out the Documents to be carried on board the Indian Registered Civil aviation aircraft.

Or

- (b) Explain the classification of defect and list out the defects specified in Group-I and Group-II major defects.
17. (a) Explain the procedure for issue and subsequent revision of Civil Aviation Requirements (CAR) by DGCA.

Or

- (b) Explain the requirements, procedure and scope of approval of CAR-M organisation and also list out the records to be maintained in a CAR-M organisation.
18. (a) Explain the requirements and procedure for issue of Certificate of Registration (C of R) and also explain the categories of aircraft registration.

Or

- (b) Explain the purpose, occasions and procedure of flight testing of civil aviation aircraft.
-

CP-9689

Sub. Code

92044

M.B.A. DEGREE EXAMINATION, NOVEMBER 2018

Fourth Semester

Airline and Airport Management

STRATEGIC AVIATION MANAGEMENT

(2016 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Define 'Vision' and 'Mission'.
2. What is the meaning of value chain?
3. What is meant by strategic alliance?
4. What do you mean by core competence?
5. Differentiate E-Commerce from E-Business.
6. What is meant by corporate governance?
7. What is the need for Turn around strategy?
8. State the meaning of conglomerate integration.
9. What is meant by ETOP analysis?
10. Distinguish between retrenchment and dismissal.

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Explain the process of vision and mission statements.

Or

- (b) Describe the components of micro and macro economic environment.

12. (a) Differentiate Joint venture from strategic alliance.

Or

- (b) Who is a low cost leader? What are his strength and weakness?

13. (a) Explain the role of strategic leaders in strategy Implementation.

Or

- (b) Explain the techniques of operational control.

14. (a) Explain the process of corporate governance.

Or

- (b) Who is a strategic leader? What are his qualities?

15. (a) Enumerate the strategic Implementation control.

Or

- (b) Enumerate the factors that influence strategic choice.

Part C

(3 × 10 = 30)

Answer **three** questions.

16. (a) Describe Michael Porter's model of competitive analysis.

Or

- (b) Explain the procedure adopted in value chain analysis.

17. (a) Explain how Mc Kinsey's 7's Framework can be used in Strategy Implementation.

Or

- (b) Define 'ethics' and explain the factors influencing business ethics.

18. (a) What are the causes of conflict? Suggest methods of resolving conflict.

Or

- (b) Explain the suitable organisational structure for strategy implementation.

CP-9690

Sub. Code

92045

M.B.A. DEGREE EXAMINATION, NOVEMBER 2018

Fourth Semester

Airline and Airport Management

AIRPORT ENGINEERING

(2016 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What are the categories of Airport?
2. What is Aerodrome Reference Point?
3. What is Load Classification Number?
4. Define Stopway and Clearway.
5. Define Delay and its types.
6. Define Gate and Gate capacity.
7. What is obstruction lighting?
8. What is an X-ray unit? Why it is installed in an airport?
9. What is Marker Beacon?
10. Difference between controlled Airspace and uncontrolled Airspace.

Part B**(5 × 5 = 25)**Answer **all** questions.

11. (a) Explain the functions of Airport.

Or

- (b) Narrate the Air Freedom Rights.

12. (a) Explain Runway configuration and Taxiway configuration.

Or

- (b) Describe the relationship between Aircraft and Airport.

13. (a) Explain Holding Apron and Terminal Apron.

Or

- (b) Explain different types of airport charges.

14. (a) Explain VASI and PAPI with neat sketch.

Or

- (b) Describe the Airport Security System.

15. (a) Explain Flight Plan and its content.

Or

- (b) Describe the Air Traffic Control Network.

Part C**(3 × 10 = 30)**Answer **all** questions.

16. (a) Explain the principles of Airport Layout with neat sketch.

Or

- (b) Explain the functions of DGCA.

17. (a) Explain Airport Lighting with neat diagram.

Or

(b) Explain Runway markings and Taxiway marking with neat sketch.

18. (a) Explain the objectives and features of Air Traffic Services.

Or

(b) Explain the brief description and use of NDB, VOR, DME and ILS.
