



68524

**Fifth Semester B.B.A.M. Examination, March/April 2022
(CBCS) (2018-19 and Onwards)
AVIATION MANAGEMENT
Paper – 5.4 : Air Traffic Control**

Time : 3 Hours

Max. Marks : 70

Instruction : Answers should be **completely** written in **English**.

SECTION – A

1. Answer **any five** of the following sub-questions. **Each** sub-question carries **two** marks. (5×2=10)
- Define RNP.
 - Give the meaning of a bi-static radar.
 - What do you mean by Aerodrome reference code ?
 - Define PAPI.
 - What is an Aerodrome Beacon ?
 - Define FIS.
 - Give the meaning of clear air turbulence.

SECTION – B

Answer **any three** of the following questions. **Each** question carries **six** marks. (3×6=18)

- Explain the division of Air traffic services.
- Write a note on VFR operations.
- What is a Flight plan ? What are its contents ?
- Explain briefly the use of radar in approach control service.
- Write a note on the visual aids for denoting obstacles in navigation.

P.T.O.



SECTION – C

Answer **any three** of the following questions. **Each** question carries **fourteen** marks.

(3×14=42)

7. Discuss the various lighting systems for navigation.
8. What are the various landing aids available ? Explain any one.
9. Explain the uses of Wind direction indicator with a neat diagram.
10. Discuss the types of runway and the procedure for marking with a neat diagram.
11. Discuss the ILS system.



68522

V Semester B.B.A.M. (Aviation Management)
Examination, March/April 2022
(CBCS Scheme) (F + R)
(2018 – 19 and Onwards)
Paper – 5.2 : AIRLINE FINANCE AND INSURANCE

Time : 3 Hours

Max. Marks : 70

Instruction : Answers should be completely written in **English**.

SECTION – A

1. Answer **any five** of the following sub-questions. **Each** sub-question carries **two** marks. (5×2=10)
- Financial Ratio
 - Airline finance
 - Leasing
 - Aircraft Insurance
 - Operating lease
 - Financial forecasting
 - Liquidity ratio.

SECTION – B

- Answer **any three** of the following questions. **Each** question carries **six** marks. (3×6=18)
- Explain the importance of finance in Airline and Aviation Industry.
 - What is wet and dry lease in Airline Industry ?
 - Explain tangible and intangible assets.
 - Write a brief on risk management in aviation.
 - Discuss on the history of aviation insurance.

P.T.O.



SECTION – C

Answer **any three** of the following questions. **Each** question carries **fourteen** marks.

(3×14=42)

7. a) Explain the factors affecting financial results of an airline.
b) What are Micro and Macro factors ?
 8. a) Describe the basic principles of insurance.
b) What are the basic terminologies in General insurance ?
 9. a) Which are the institutions involved in Airline Finance.
b) What are the sources of internal and external finance ?
 10. a) Explain aircraft Hull and liability insurance.
b) Write a note on Airport premise liability.
 11. Write an essay on Aviation finance and justify whether airline business is profitable or not.
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Fifth Semester B.B.A.M. Examination, March/April 2022
(CBCS)
Paper – 5.3 : AVIATION LAW, AIRCRAFT RULES AND REGULATIONS

Time : 3 Hours

Max. Marks : 70

*Instruction : Answers should be **completely** written in **English**.*

SECTION – A

Answer **any 5** questions. **Each** question carries **2** marks. (5×2=10)

1. a) State two functions of DGCA.
- b) Mention the laws under which Civil Aviation is governed in India.
- c) Write the expansion of a) CAR, b) BCAS, c) CAA.
- d) Mention two provisions under the Air Corporation Act, 1953.
- e) State the importance of Chicago Convention 1944.
- f) Mention the laws that govern civil aviation security.
- g) Mention the provisions of Section under CAR.

SECTION – B

Answer **any 3** questions. **Each** question carries **6** marks. (3×6=18)

2. Describe the provisions under Chicago Convention 1944.
3. Explain the role of DGCA under Aviation in India.
4. Explain the provisions under Airport Authority of India Act, 1994.
5. State and describe in brief the two laws that were enacted to operate under Open Sky Policy.
6. Write short notes on : a) Warsaw Convention, b) Geneva Convention.

P.T.O.



SECTION – C

Answer **any 3** questions. **Each** question carries **14** marks.

(3×14=42)

7. Describe the functions and responsibilities of DGCA.
8. Mention the important highlights CAR with respect to Civil Aviation Industry in India.
9. Write notes on : 1) Rome Convention 1952. 2) Tokyo Convention.
10. Mention the provisions and highlights of the Aircraft Act, 1934.
11. State the provisions of Tokyo Convention Act, 1975.



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V Semester B.B.A.M. Examination, March/April 2022

(Scheme : CBCS)

Aviation Management

Paper – 5.5 : AIR TRANSPORTATION SAFETY AND SECURITY

Time : 3 Hours

Max. Marks : 70

Instruction : Answer should be completely in English.

SECTION – A

1. Answer **any five** of the following sub-questions. **Each** sub-question carries **two** marks. (5×2=10)
- a) Aerodrome
 - b) ECAC
 - c) Metal detectors
 - d) TSA
 - e) Passive Millimeter trace
 - f) BCAS
 - g) Full body scanner.

SECTION – B

- Answer **any three** of the following questions. **Each** question carries **six** marks. (3×6=18)
- 2. Define terrorism and its impacts.
 - 3. What is meant by nuclear warfare ?
 - 4. Discuss about the cockpit door enhancement and its security features.
 - 5. Discuss about the Tokyo Convention and Summit.
 - 6. What are metal detectors ? Explain its types.

P.T.O.



SECTION – C

Answer **any three** of the following questions. **Each** question carries **fourteen** marks.

(3×14=42)

7. a) Mr. Joet is travelling from Bangalore International Airport to Cochin International Airport. Discuss about the various screening and security measures he has to undergo during his journey.
b) Discuss in detail about Sky Air Marshal Program.
8. a) Give a brief note on Palestine Liberation Organization (PLO).
b) Explain aircraft as missile.
9. a) Explain the recent advancements and technological improvements on Air transport.
b) What is an airport and how are biometric devices used in airports ?
10. a) Write a brief note on airport video security system.
b) Write a note on biosimmer.
11. a) Discuss in detail on Transportation Security Administration (TSA).
b) Explain the functions of Bureau of Civil Aviation Security (BCAS).



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V Semester B.B.A.M. Examination, March/April 2022
(F+R) (CBCS) (2018 – 19 and Onwards)
AVIATION MANAGEMENT
Paper 5.1 : Marketing Research

Time : 3 Hours

Max. Marks : 70

- Instructions :** 1) Answer should be **completely** be written in **English**.
2) **All** the rough work must be shown on the **right** margin.

SECTION – A

Answer **any five** of the following sub-questions. **Each** sub-question carries **two** marks. (5×2=10)

1. a) Mention any two objectives of Research.
- b) State the meaning of research design.
- c) Define a schedule.
- d) Expand ANOVA and MANOVA.
- e) What is Research Report ?
- f) Define Probability sampling.
- g) What is a secondary Data ? Give examples.

SECTION – B

Answer **any three** of the following questions. **Each** question carries **six** marks. (3×6=18)

2. Explain the significance of a research.
3. Explain the non-probability sampling methods with examples.
4. Discuss the good qualities of a questionnaire.
5. Explain the primary sources of data collection with examples.
6. Describe the contents of a research report.

P.T.O.



SECTION – C

Answer **any three** of the following questions. **Each** question carries **fourteen** marks.

(3×14=42)

7. Briefly explain the various steps in sampling process.
8. Elaborate the types of research design.
9. What are the characteristics, merits and demerits of observation in data collection ? Explain.
10. Write a note on cluster analysis and discriminate analysis.
11. Explain the steps involved in report writing.

(01=5x2)
