

PG-A-1620 MSPL-13X

**P.G. DEGREE EXAMINATION —
JULY, 2022.**

Shipping and Logistics Management

(CY – 2020 Batch onwards)

First Year

QUANTITATIVE TECHNIQUES

Time : 3 hours

Maximum marks : 70

PART A — (5 × 5 = 25 marks)

**Answer any FIVE questions out of Eight questions
each in 300 words.**

All questions carry equal marks.

1. What is set theory?
2. Calculate the geometric mean for the following observations.
32 35 36 37 39 41 43.
3. What are the parts of a table?
4. What do you understand by bivariate analysis?

5. If two regression coefficients are 0.8 and 0.2 what would be the value of coefficient of correlation?
6. A bag contains 7 white and 2 black balls. Find the probability of drawing a white ball.
7. What do you understand by normal distribution?
8. What are the uses of index numbers?

PART B — ($3 \times 15 = 45$ marks)

Answer any THREE questions out of Five questions
each in 1000 words.

All questions carry equal marks.

9. The price index for 1986 with base 1970 = 100 for goods X, Y, Z are as follows :

Goods	Price index
X	100
Y	130
Z	180

Find the arithmetic mean and geometric mean of these three indices. Also verify that $AM > GM$.

10. Explain the steps in constructing a frequency distribution.

11. Briefly explain Relationship between arithmetic mean Geometric mean and Harmonic means.
 12. (a) What do you understand by binomial distribution?
(b) A problem is given to three managers A, B, C whose chances of solving it are $1/2$, $1/3$, $1/4$ respectively. What is the probability that the problem will be solved?
 13. Explain the various steps involved in construction of index numbers.
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PG-A-1621 MSPL-14X

**P.G. DEGREE EXAMINATION —
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(From CY – 2020 onwards)

First Year

MANAGEMENT INFORMATION SYSTEMS

Time : 3 hours

Maximum marks : 70

PART A — (5 × 5 = 25 marks)

Answer any FIVE questions out of Eight questions each
in 300 words.

All questions carry equal Marks.

1. What are the main dimensions of Information system?
2. What do you understand by Management Information System?
3. Write a note on Computer hardware.
4. Write a note on distributed system.

5. Define expert system
6. Write a note on Decision support system.
7. What is System Analysis and Design?
8. What do you understand by End user computing?

PART B — (3 × 15 = 45 marks)

Answer any THREE questions out of Five questions
each in 1000 words.

All questions carry equal marks.

9. Explain the elements in Management Information System.
10. Explain the objectives and advantages of DBMS.
11. Distinguish between tactical and strategic information system.
12. Explain the steps involved in Systems Analysis and Design.
13. Write notes on 'Security and ethical issues of information systems'.

PG-A-1622 MSPL-15X

**P.G. DEGREE EXAMINATION —
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First Year

MARKETING MANAGEMENT

Time : 3 hours

Maximum marks : 70

PART A — (5 × 5 = 25 marks)

Answer any FIVE questions out of Eight questions.
Each in 300 words

All questions carry equal Marks.

1. What are the criteria of successful Marketing segmentation?
2. What are the factors that influence the marketing environment of an organization?

3. Define marketing research. Why do we need research in marketing?
4. What do you understand by Product?
5. What are the determinants of price of a product?
6. What do you understand by promotional mix?
7. How do you measure advertising effectiveness?
8. What are the applications of services marketing?

PART B — (3 × 15 = 45 marks)

Answer any THREE questions out of Five questions.

Each in 1000 words

All questions carry equal marks.

9. What are the various approaches of studying marketing? Elaborate.
10. Discuss the role of marketing research in marketing.

11. Discuss the basic methods of pricing adopted by Indian industry.
 12. Compare and contrast physical distribution and channel of distribution.
 13. What are the main steps involved in designing and implementing effective customer programmes?
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PG-A-1623 MSPL-17X

**P.G. DEGREE EXAMINATION —
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Shipping and Logistics management

(From CY – 2020 Onwards)

First Year

HUMAN RESOURCE MANAGEMENT

Time : 3 hours

Maximum marks : 70

PART A — (5 × 5 = 25 marks)

Answer any FIVE questions out of Eight questions each
in 300 words.

All questions carry equal Marks.

1. “HR function plays a vital role in the whole scheme of management of an industrial organization.” Elucidate.
2. Define human resource planning.
3. What are the advantages of internal sources of recruitment?

4. Distinguish between training and development.
5. How can performance appraisal be made more effective?
6. What is Job Evaluation?
7. What is meant by Collective bargaining?
8. What is Trade Union?

PART B — (3 × 15 = 45 marks)

Answer any THREE questions out of Five questions
each in 1,000 words.

All questions carry equal marks.

9. HRM is an approach and philosophy of management.” Do you agree? Give reasons.
10. “Job description and Job specification are the two by products of Job Analysis.” Elucidate
11. Discuss the importance of training in the fast-changing environment.
12. Explain the essentials of an effective performance appraisal system.
13. Discuss the role of collective bargaining in Human Resource Management.

PG-A-1625 MSPL-100 X

PG. DEGREE EXAMINATION —
JULY, 2022.

Shipping and Logistics Management

First Year

[From CY-2020 onwards]

OVERVIEW OF MARITIME BUSINESS

Time : 3 hours

Maximum marks : 70

PART A — (5 × 5 = 25 marks)

Answer any FIVE questions out of Eight questions.

All questions carry equal marks.

1. Explain commodities traded in maritime business.
2. Write a note on Ship Registries.
3. What are the principles of container operations?
4. What are the features of voyage charter?
5. Explain the significance of canal and waterways.

6. Distinguish between canals and ports.
7. Analyze the need and emergence of Multimodal operations.
8. What is International Freight Forwarding?

PART B — (3 × 15 = 45 marks)

Answer any THREE questions out of Five questions.

All questions carry equal marks.

9. Discuss about various international shipping organizations.
10. Discuss the various types of Liner ship operators.
11. Explain about bulk shipping business and the various commodities traded under it.
12. Explain the safety and environmental issues affecting ships and port facilities.
13. Discuss about project cargo forwarding and warehousing operations.

PG-A-1626 MSPL-101 X

**P.G. DEGREE EXAMINATION —
JULY, 2022.**

Shipping and Logistics Management

First Year

(From CY – 2020 Onwards)

MARITIME ECONOMICS

Time : 3 hours

Maximum marks : 70

PART A — (5 × 5 = 25 marks)

**Answer any FIVE questions out of Eight questions each
in 300 words.**

All questions carry equal marks.

- 1. Define Maritime Economics.**
- 2. State the variable cost in shipping.**
- 3. Write on the concept of opportunity cost.**
- 4. Write a note on 'productivity and supply trends' in maritime economics.**
- 5. List the significance of forecasting in maritime business.**

6. Write down the concept of freight futures and options.
7. What is business cycle concept?
8. Define operating cost.

PART B — (3 × 15 = 45 marks)

Answer any THREE questions out of Five questions
each in 1000 words.

All questions carry equal marks.

9. Explain causes and phases of trade cycle.
10. Explain in detail, the relevant costs for shipping industry.
11. Discuss freight determination under oligopoly market.
12. Describe the factors determining the demand supply of shipping industry.
13. Explain various techniques involved in maritime forecast.

PG-A-1627 MSPL-102 X

**P.G. DEGREE EXAMINATION —
JULY, 2022.**

Shipping and Logistics Management

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Second Year

PORTS & TERMINALS MANAGEMENT

Time : 3 hours

Maximum marks : 70

PART A — (5 × 5 = 25 marks)

Answer any FIVE questions out of Eight questions in
300 words.

All questions carry equal marks.

1. List down the factors affecting future of ports.
2. Write a note on Port based industry.
3. State the inter modal connections in Ports.
4. Write down the concept of hinterland.
5. What do you understand by Green Field Project?

6. What are the various elements of Dock Safety?
7. State the various security issues related to Port.
8. List out safety issues related to Port.

PART B — (3 × 15 = 45 marks)

Answer any THREE questions out of Five questions in 1,000 words.

All questions carry equal marks.

9. Discuss the factors affecting the future of Port and Terminals.
10. Discuss about the various services rendered by Ports.
11. Discuss the I.T. infrastructure in Ports and Terminals.
12. Compare coastal shipping vs. inland movement in ports.
13. Explain environmental issues connected with Ports and Terminals.
