

INDIAN MARITIME UNIVERSITY
(A Central University, Government of India)
End Semester Examination December 2018
M.B.A. (International Transportation & Logistic Management)
SEMESTER-III
Geography Of Transport Systems (PG22T2306)

Date: 02.01.2019

Maximum Marks : 60

Time: 3 Hours

Pass Marks : 30

PART A
(Answer all the Questions)

12x1=12

1(a).The unique purpose of transportation is to overcome:

- A. Physical constraints
- B. Time
- C. Space
- D. None of the above

1(b).It is a strategic link between the oil fields of the Persian Gulf and the Gulf of Oman in the Indian Ocean. Name the strategic link.

- A. Strait of Gibraltar
- B. Strait of Hormuz
- C. Strait of Bosphorus
- D. None of the above.

1(c).The first specialized container terminal was constructed by

- A. The Port Authority of New York/New Jersey
- B. The Port of London Authority
- C. The Maritime and Port Authority of Singapore
- D. The Hong Kong Maritime and Port Board

1(d).Public transport systems are examples of:

- A. Atomization
- B. Massification
- C. Commercialization
- D. None of the above.

1(e). Which of the following is not an advantage of containerization?

- A. Flexibility of usage
- B. Economies of scale
- C. Security
- D. Lower infrastructure costs at terminals

1(f). The transport terminal cost does not include:

- A. Infrastructure cost
- B. Trans-shipment cost
- C. Administrative cost
- D. Carrier cost

2(a). Airport site location involves a wide variety of considerations. Which of the following is not generally considered?

- A. Altitude
- B. Meteorological conditions
- C. Obstructions
- D. None of the above

2(b). Logistical costs in developing countries are high due to:

- A. Regulatory complexities of distributing goods which incite maintenance of higher inventory.
- B. Lower labour and infrastructure productivity.
- C. Inconsistent modal and intermodal capacity.
- D. All the above.

2(c). The Suez Canal has reduced the transport distance from Mumbai to Rotterdam by:

- A. 25%
- B. 35%
- C. 42%
- D. 52%

2(d). The territorial occupation of a transport network in terms of kilometer of links per square kilometers of surface is measured by:

- A. Network density
- B. Pi index
- C. Beta Index
- D. None of the above.

2(e).International Ship and Port Facility Security Code is:

- A. a series of security requirements placed by the IMO upon ports and ships
- B. a U.S legislation that created a number of security related programs
- C. a World Customs Organization initiative to ensure cargo security
- D. None of the above.

2(f).The government owned railroads still exist, but the tracks have been separated from the traction and the rail service operations, which have been opened up to new service providers. Mention the country/countries that has/have adopted the above policy.

- A. Germany
- B. France
- C. Italy
- D. All the above

PART- B (200 Words)
(Answer any Five out of Seven)

5 x 4 = 20

- 3) Explain the advantages of hub-and spoke network over point-to-point network.
- 4) Why strategic maritime passages are also termed as choke points?
- 5) Differentiate the roles of gateways and hubs in the flows of freight and passengers in the global spatial organization.
- 6) Describe the environmental impacts of transportation
- 7) 'Freight distribution is within a paradigm shift from inventory-based logistics (push) to replenishment-based logistics (pull)'. Elucidate.
- 8) 'The world's busiest air routes are not long haul flights, but short-range flights between cities less than 1000km apart' Elucidate with examples.
- 9) Explain the major components of Geographic Information Systems for Transportation (GIS-T).

PART C

**(Question No.10 is compulsory and
any three questions to be answered from the remaining)**

4 x 7 = 28

- 10) Mention the advantages of High Speed Rail Systems. Do you think that HSR systems would become inevitable for inter-city travel in India in the next decade? Explain.
- 11) Security is becoming a factor in a port's competitiveness. Substantiate.
- 12) Explain the role of 'hinterland' in the development of a transport terminal.
- 13) Explain the relevance of 'green logistics' in the current century.
- 14) Explain the advantages of containerization.
- 15) Describe the contemporary urban transport problems.
