

**INDIAN MARITIME UNIVERSITY**  
(A Central University, Govt. of India)  
**End Semester Examinations – Dec 2019**  
**M.B.A (International Transportation and Logistics Management)**  
**Semester -III**  
**PG22T2306 – Geography of Transport Systems**

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**Date: 04-12-2019**

**Max Marks: 60**

**Time: 3 Hrs.**

**Pass Marks: 30**

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**PART – A**

Answer **all the questions**. All the questions carry equal marks.

**12 x 1 = 12 Marks**

01. The possibility to access any location from any other location on the network is called
- a) Ubiquity
  - b) Fractionalization
  - c) Instantaneity.
  - d) All of the above
02. Suez canal was opened in \_\_\_\_\_ year?
- a) 1867
  - b) 1868
  - c) 1869
  - d) None of the above
03. In terms of the global rail network, \_\_\_\_\_ link a port city with hinterland, particularly in order to access natural resources.
- a) Regional networks
  - b) Penetration lines
  - c) Transcontinental lines
  - d) Skimming lines
04. Which one of the following is not a mega airport project?
- a) Dallas/Fort Worth
  - b) Kansai International Airport
  - c) Chek Lap Kok
  - d) None of the above
05. Logistics tend to agglomerate. In this context, anchor tenants are sign of \_\_\_\_\_
- a) Strategy
  - b) Value propositions
  - c) Negative environmental externalities
  - d) None of the above

06. The "Seven Sisters" or seven multinationals that dominated early 20<sup>th</sup> century oil industry comprised of companies from
- Only Gulf Corporation Council countries
  - America, British and GCC countries
  - America and British
  - None of the above
07. An Obligatory movement involving commuting between location of residence and work is called \_\_\_\_\_.
- Professional movements
  - Pendulum movements
  - Personal movements
  - Touristic movement
08. Contemporary transportation infrastructure financing is facing which of the following challenges.
- Marginal returns on transport infrastructure ascends
  - Time frame misalignment between project and financing
  - Concrete purpose
  - All of the above
09. Yield management system arises due to
- A fixed transport facility
  - Unused transport capacity gains all its utility
  - Transport users are not willing to pay different rates for the same capacity or service
  - None of the above
10. Capital cost component of transport cost includes
- Linehaul Costs
  - Administration Costs
  - Transshipment cost
  - None of the above
11. Automated Identity System is applicable to
- Transport by Air
  - Maritime Transportation
  - Rail Transportation
  - Transport by road
12. In terms of methods in transport geography, \_\_\_\_\_ involves symbolic representation of a network and of its connectivity.
- Game theory
  - Graph Theory
  - Simplex method
  - All of the above

## **PART – B**

Answer any **Five** of the following questions.

**5 x 4 = 20 Marks**

13. Explain Point-to-Point and Hub-and-Spoke networks?
14. Discuss four major types of land bridges.
15. Elucidate on various advantages of high speed rail systems.
16. Explain any four causes to the problem of repositioning of empty containers.
17. In the context of the linkage between transportation and energy, explain the concept of 'peak oil use' and its consequences. (2+2)
18. Write a brief note on green logistics.
19. Define Transport policy and Transport planning. Explain any two transport policy instruments that could be adopted by government to achieve transport policy objectives. (2+2)

## **PART - C**

**Question No.20** is compulsory and answer any three from the remaining five questions

**4 x 7 = 28 Marks**

20. Define the term 'cold chain'. Explain various phases of cold chain operations concerning logistics. (2+5)
  21. Discuss transportation as a key factor for competitiveness.
  22. Define an inland port. Explain various driving forces for the emergence of such ports. (2+5)
  23. Discuss various challenges to urban transportation.
  24. Define 'Sustainable Transportation'. Illuminate three dimensions of sustainable transportation with examples. (3+4)
  25. Suggest various ways to ensure freight security at ports.
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