

INDIAN MARITIME UNIVERSITY
(A Central University, Govt. of India)

May/June 2015 End Semester Examinations

**SEMESTER – III, M.B.A (INTERNATIONAL TRANSPORTATION AND LOGISTICS /
PORT AND SHIPPING MANAGEMENT)**

MANAGEMENT INFORMATION SYSTEM (T 1305)

Date: 15.06.2015

Time: -3 Hrs

Max.Marks: 60

Pass Marks: 30

SECTION – A

(12x 1=12 Marks)

Answer ALL the questions. All question carry equal Marks

1. The art of converting data into information is known as
 - a) Data processing system.
 - b) Information processing.
 - c) Control processing.
 - d) Transaction processing system.

2. A Working model of an information system
 - a) Middleware.
 - b) Software.
 - c) Prototype
 - d) Operating system.

3. A computer with several CPUs is an example of
 - a) Microprocessor
 - b) Multiple processors
 - c) central processing unit
 - d) Network

4. Managing the use of CPU time, primary and secondary storage, telecommunications processors and input/output devices is known as
 - a) incomplete data
 - b) crisp data
 - c) binary data
 - d) Resource management

5. Which helps a communication channel carry simultaneous data transmissions from many terminals?
 - a) Network server
 - b) Protocol
 - c) Multiplexer
 - d) Modem

6. Unsorted transactions can be used to immediately update a database is known as
 - a) Direct database access
 - b) Sequential database access
 - c) Database management approach
 - d) Computer Aided System Engineering

7. is a creating, converting, and storing hyperlinked documents on Web servers
 - a) Workgroup
 - b) Web publishing
 - c) voice mail
 - d) Groupware

8. Poor IS Performance means
 - a) Information technology is not being used effectively.
 - b) Information technology is not being used efficiently.
 - c) Information technology is not being used economically.
 - d) Above all.

9. Identity Theft and Phishing are examples of
 - a) Firewall systems
 - b) all information to pass
 - c) Cyber Crimes
 - d) decode the data.

10. Virtual reality is
 - a) Computer –simulated reality.
 - b) Useful for situations in which thousands of solutions are possible
 - c) Data extracted from data warehouse
 - d) Microcomputer

11. is the method for control & security on the Internet & the other network
 - a) Encryption
 - b) Security code
 - c) Biometric control
 - d) Fire wall

12. Which is the knowledge – based information system that acts as an expert consultant to users in a specific application area?
 - a) Encryption
 - b) Security code
 - c) Biometric control
 - d) Expert system

SECTION – B

(5x 4=20 Marks)

Answer ANY five of the following questions. Each answer should not exceed 200 words.

13. Discuss the principles of MIS.

14. Why do you think Prototyping has become a popular way to develop new computer – based business system?
15. What is the difference between the ability of a manager to retrieve information instantly on demand using an MIS & the capabilities provided by a DSS?
16. What are some of the limitations or dangers you see in the use of AI technologies such as Expert system, and Virtual reality?
17. Discuss the types of 'relationships' used in ERD. Design an ERD model for a Banking firm in India.
18. What controls are needed for improved security in end user computing? Explain any two controls briefly.
19. How can Internet & Intranet support Human Resource Management in a Business? Give a few examples.

SECTION – C

(4x 7=28 Marks)

***Question No. 20 is compulsory. Answer ANY THREE of the remaining questions.
Each answer should not exceed 500 words.***

20. How can transaction processing system play a strategic role in gaining competitive advantages for a business?
21. Explain the major types of databases used by organization and end users. And also discuss the benefits and limitations of database management.
22. Discuss the SDLC process using a Flow Diagram and also explain the types and features of feasibility studies
23. Write short notes on
 - a) Expert system
 - b) Executive Information System
 - c) OODBMS
24. What do you mean by Computer crime? Explain any 5 types of computer crime briefly.
25. What type of Information Systems is needed to support the Shipping Companies? Explain.
