

Management Information System (6101)

Answer the following questions : (08 marks for each question)

1. Define System. Explain the Parts of System with diagram.
2. Explain the general model of human as information processors.
3. Describe methods to avoid misuse of information.
4. Explain how to avoid misuse of information.
5. Explain any two sections of Master plan.
6. Explain Robert Anthony hierarchy of management activity.
7. Explain the prototype approach for developing information systems.
8. Explain Programmed versus Non-programmed decisions.
9. Explain following concepts of decision making-Criteria for decision making. Programmed versus Nonprogrammed decision.
10. Explain the Classification of information.
11. Describe various methods of data and information collection.
12. Explain the concept of Information and explain Communication Model.
13. Define MIS and Discuss any 6 characteristics of MIS.
14. Differentiate between Deterministic System and Probabilistic System.
15. What are different managerial functions?
16. Explain Marketing Information subsystem.
17. Explain concept of Information and Explain Communication Model.
18. Explain Output Design
19. Explain how decomposition of system is done, with example.
20. How dose forecast of development affect the plan.
21. Explain functions of MIS.
22. Explain the elements of quality of information.
23. Explain need of system analysis in developing information system.
24. Explain Role of MIS.
25. Explain Formal versus informal system.

Answer the following questions : (07 marks for each question)

1. Explain the four dimensions of measurement of Quality Information.
2. Discuss Value of information.
3. Explain the Flowchart of Decision Making Process.
4. Write a note on – Sales and marketing information system.
5. Discuss Robert Anthony's hierarchy of management activity.
6. Explain Life Cycle Approach.

7. Discuss Pitfalls in developing MIS.
8. Discuss parameters for quality of information.
9. Explain how Decomposition of System is done, explain with example.
10. Explain various functions of MIS with a neat diagram.
11. Give short note on Error and Bias.
12. Give Robert Anthony hierarchy of management activity.
13. Write a short note on Planning for information system.
14. Explain Input Design.
15. Differentiate between Open System and Close System.
16. Explain Herbert Simon Model of Design Making.
17. Explain Attributes of Information.
18. Explain deterministic and probabilistic system.
19. Explain the method of filtering.
20. Explain value of information.
21. What are the guidelines for system designer for successful implementation.
22. Explain any two major section of master plan.
23. Explain Financial information Subsystem.
24. Explain how to avoid misuse of information.

Answer the following questions : (15 marks for each question)

1. Explain need of System Analysis in developing Information System.
2. Explain Contents of Information System Master Plan.
3. Explain contents of Information System Master Plan.
4. Explain steps in System Analysis and design.

Give Short Notes (3 marks each)

1. Cybernetic system.
2. Error and bias.
3. Black box system
4. Deterministic system
5. Output Design
6. Prototype Approach.
7. Human as an Information Processor.
8. Role of MIS.

Enterprise Resource Planning (6102)

Answer the following questions : (08 marks for each question)

1. What are the reasons for explosive growth of ERP market?
2. Explain the following benefits of ERP
 - Reduction of lead time
 - Reduction in cycle time
3. Explain linkages between BPR, IT and ERP.
4. What is BIG BANG theory?
5. What are consultants? What are the roles of a consultant?
6. Write a note on supply chain management.
7. What kind of training is required for using ERP systems?
8. Draw diagram of general model of ERP with required components.
9. Should ERP be implemented by BIG BANG theory? Comment.
10. What is order winner and qualifier?

Answer the following questions : (07 marks for each question)

1. What should be the timeline to implement ERP system.
2. Why integrated data model is considered as a heart of ERP system?
3. Explain the advantages of ERP.
4. What is accommodating variety?
5. What are the principles of BE.
6. ERP and Management Concern.
7. Why integrated data model is considered to be the heart of an ERP system?
8. Explain linkage between ERP, BPR and IT?
9. Which resource can be managed by an ERP?
10. What is enterprise? Explain Extended ERP.

Answer the following questions : (15 marks for each question)

1. Discuss in detail phases of ERP implementation life cycle.
2. What are guidelines for ERP implementation?
3. Define ERP. List and explain guidelines for ERP implementation.

Answer the following questions : (10 marks for each question)

1. What is guidelines for ERP implementation?
2. What should be the timeline to implement ERP system.
3. Who are Vendors? What are the roles of Vendors?
4. Explain the phases of ERP implementation model
5. Explain the following benefits of ERP

- Reduction of lead time
- On time shipment

6. Explain General model of ERP with diagram

Answer the following questions : (5 marks for each question)

1. Explain the processes in BPR
2. Which resource can be managed by an ERP?
3. Explain Advantages of ERP
4. Explain principles of Business Engineering
5. Discuss order winner and qualifiers that are general to most companies.
6. Why integrated data model is considered to be the heart of an ERP system?
7. Explain relationship of Business engineering with IT
8. Explain supply Chain Management
9. What are the reason for explosive growth of ERP market?
10. Explain relationship of Business engineering with IT.

Explain the following: (3 marks each)

1. Resource Management
2. ERP Vendors
3. Seamless Integration
4. Order winner and qualifiers
5. Business engineering
6. Supply chain management
7. Seamless integration
8. Consultant
9. Role of vendor
10. BPR,IT and ERP
11. Extended ERP
12. BIG BANG Theory
13. Seamless Integration

Intelligent Property Rights, Patents and Cyber Laws (6103)

Answer the following questions : (10 marks for each question)

1. What is Infringement of Patents?
What are the Remedies for Infringement of Patents?
2. Explain the Patent Application Procedure with diagram.
3. What is Infringement of Copyrights? What are the remedies for Infringement of copyrights?
4. What are the defenses available in case of Infringement of Designs?
5. Explain in detail the following sections of the IT Act:
i) 43 ii) 66 iii) 67 iv) 72 v) 73
6. What are the benefits of Licensing?
7. What is a Trademark? Explain the procedure of registration of a Trademark.
8. What are the clauses of Licensing?
9. What is intellectual property \? Explain the various kinds of intellectual properties and laws relating to those properties in India.
10. Discuss "Domain Name as Intellectual property". Explain the procedure for Registration of domain names.
11. Explain the Patent Application procedure with diagram.
12. What are different kinds of Patent assignments?
13. Define Copyrights. What are the objectives of Copyrights?

Answer the following questions : (05 marks for each question)

1. Explain the WIPO Treaty
2. What are the functions performed by the certifying authorities?
3. Explain Cyber Crime in detail.
4. Explain Cyber Crime in detail.
5. Discuss Privacy & Freedom issues in the Cyber world.
6. Explain the scope of Cyber Laws.
7. What are the rights awarded to the patentee?
8. Describe the uses of Digital Signature.
9. Define and explain the uses of Digital Signature.
10. Explain the rights conferred by copyrights.
11. What are the functions performed by the Certifying Authorities.
12. What is Trademark? What are its objectives?
13. Discuss Privacy & Freedom Issues in the Cyber World.
14. Explain the concept of Intellectual Property Rights.
15. Explain the following the terms:
i) Digital Contract
ii) Ethical Hacking

17. What are the rights awarded to a patentee?
18. Explain the terms:
 - i) Cyber Crime
 - ii) Cyber laws
 - iii) Ethical Hacking
19. What are the objectives of the IT Act 2000?
20. Write a short note on WIPO treaty.
21. Explain the Semiconductor Chips Protection Act (SCPA) in detail.
22. Explain the procedure for Registration of Domain names.
23. Write note on "Rights awarded to patentee".

Answer the following questions : (8 marks for each question)

1. What are the essential features of trade mark? Explain different types of trademarks.
2. Explain the objectives of Information Technology Act 2000.
3. What are cyber crimes? Classify computer related crimes enumerated in Information Technology Act – 2000.
4. How a patent may be transferred by the patentee to another person?
5. Explain E- governance of cyber crime and cyber law.
6. Explain benefits of Licensing.

Answer the following questions : (7 marks for each question)

1. Explain SCPA semiconductors chip protection Act.
2. Describe the uses of Digital Signature.
3. Analyze the drawbacks of Information Technology Act 2000.
4. What is Infringement of Patents?
5. Explain the procedure for Registration of Domain names.
6. Write a note on 'Internet domain names' as Intellectual Property.

Write notes on: (5 marks each)

1. Functions of certifying Authorities
2. TRIPS Agreement.
3. WIPO Treaty

Write notes on: (5 marks each)

1. SCPA
2. TRIPS

Commerce (6111)

Answer the following questions : (8 marks for each question)

1. Explain how Home Shopping facilities E - Commerce.
2. What is Firewall? State the function of Firewall in e-commerce.
3. Define E-Governance. Explain different E-Governance models.
4. Explain Tele-marketing in details.
5. Define and explain the concept of Electronic Data Interchange (EDI).
6. Define Electronic Data Interchange. What are the components of EDI?
7. Explain how firewall protects E - Commerce network?
8. List out different technological advances in convergences.
9. Define and explain the concept of Electronic Data Interchange.
10. Explain different E - Commerce Business Models (B2B, B2C, C2C).
11. Explain difference between Intranet and Extranet.
12. Explain mobile computing in detail.
13. Explain various threats in E - Commerce.
14. Explain the concept of Electronic Cash or E-Cash?
15. Explain various threats of E-Commerce.
16. What are different technological advances in convergence?
17. Write a note on Supply Chain Planning Tools.
18. What are different security issues of E-Commerce?
19. What are the implications of Convergence in E - Commerce?
20. Explain how firewall protects E-Commerce network?
21. Write a note on Supply Chain Planning Tools.

Answer the following questions : (15 marks for each question)

1. Explain different advantages and disadvantages of E-Commerce w.r.t. society Organization and people.

Answer the following questions: (7 marks for each short note)

1. Define digital cash or e-cash. Explain with example how an online banking system works.
2. Explain E - Payment mechanism of E - Cheque.
3. Explain how Home Shopping facilitates E-Commerce?
4. What is e-commerce? Discuss B2B2C and C2B2C model giving proper examples.
5. Explain the concept of Mobile Computing in detail.
6. Explain cryptography in detail.
7. Explain the concept of Electronic Cash or E - Cash.

8. What are the strategic methods for developing E-Commerce?
9. How data is encrypted using RSA data encryption algorithm?
10. What role does SCM play in Business to Business model i.e B2B e-Commerce?
11. Explain the data security method of cryptography?
12. Write a note on Supply Chain Planning Tools.
13. What are benefits of EDI system to organization?
14. What are the different technological advances in convergence?
15. What are the implications of convergence in E-Commerce?
16. Explain what is meant by Telemarketing?

Write short notes (5 marks)

1. Digital Signature
2. Web Security
3. Digital Certificate
4. Web Portals

Write short notes (5 marks)

1. Cloud Computing
2. Home shopping facilitates E-commerce

Artificial Intelligence (6112)

Answer the following questions : (8 marks for each question)

1. Write the components of problem and formulate any Toy problems.
2. Explain A* with example.
3. Write note on Forward and Backward Chaining?
5. Explain syntax and semantics of first order logic.
6. Write down the standard formulation of 8 puzzle problems.
7. Write a note on Wumpus world.
8. Write a note on Inductive Learning.
9. Explain various forms of learning.
10. What is task environment? List the PEAS description of the task environment for an automated taxi.
11. What is task environment? List the PEAS description of the task environment for an Automated taxi.
12. Describe forward chaining and backward chaining with example.
13. Why Hill-climbing? Illustrate using an example.
14. Discuss Knowledge based learning. How it is different from explanation based.
15. Write a note on greedy best first search.
16. Define Rational Agent. What an agent comprises of?
17. What do you mean by Intelligence? What are the characteristics of Intelligence?

Answer the following questions: (7 marks for each short note)

1. Write a note on Greedy best first Search?
2. Explain hill climbing search with the help of diagram. State the problems faced during hill climbing.
3. Write down the steps to convert a sentence into CNF.
4. Describe forward chaining & backward chaining with example.
5. Define agent with diagram.
6. What is AI? Discuss the application of AI in detail.
7. Describe five connective used in propositional logic syntax.
8. Define Agent with diagram.
9. Write down the standard formulation of 8 puzzle problems.
10. Write a note on Greedy best first search.
11. Write a note on Heuristic function?
12. What is CNF? Explain with example the procedure of converting sentence into CNF.
13. Write a note on Minimax Algorithm.
14. What are pros & cons of propositional logic?

15. Discuss alpha-beta pruning algorithm with the help of a diagram.
16. Explain syntax & semantics of first order logic.
17. Explain various forms of learning.

Write a short note on (8 marks)

1. Inductive Learning
2. Write a short note on Quantifiers
3. Minimax Algorithm
4. Alpha – Beta pruning
5. Breadth first search
6. Wumpus World

Answer the following. (5 marks)

1. Explain various Forms of Learning
2. Write a note on wumpus world.
3. Explain A* with Example?
4. Explain Hill Climbing Search
5. Write a note on Heuristic function
6. Define Agent with Diagram.

Difference between (7.5 marks)

1. Blind search and informed search
2. Agent function and agent program
3. Depth function and agent program

Web Technology (6113)

Answer the following questions : (8 marks for each question)

1. Explain GET and POST method?
2. What are ASP forms? Explain how the forms are created and submitted in ASP.
3. Explain HTML Ordered and Unordered list with example.
4. What is ASP? Explain its Features?
5. What is ASP? What can ASP do for you?
6. Explain the following function.
 - 1) Conf
 - 2) Logs
 - 3) Temp
 - 4) Bin
7. What is HTML? Explain structure of HTML?
8. Explain functions to add and remove elements in an Perl array.
9. What is an application object? How to lock and unlock application object.
10. Explain the rules of XML?
11. Write ASP program to append a file TEST.TXT
12. Explain Start, stop, reload and undeploy commands of web application.
13. Explain loop control statements in PERL with example.
14. Explain Client Request and its methods.
15. What is ASP? What can ASP do for you?
16. Write ASP program to print following pattern
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17. Explain any four built-in object of JavaScript.
18. What is ASP file object? List out the properties of file Object.
19. Write a ASP program to append a file.
20. Define digital signature. Explain how digital signature works.
21. Explain the following function
(i) Conf (ii) Logs (iii) Temp (iv) Bin

Answer the following questions: (7 marks for each short note)

1. Explain Data types used in Perl.
2. Write a ASP program to find factorial of numbers from 1 to 5.
3. Explain Tomcat JNDI Configuration.
4. Explain rules of XML.

5. Explain uses of XML.
6. What is list? Explain its types with example?
7. What is Subroutine in Perl? Explain passing arguments to Subroutine.
8. What is Apache Tomcat server? Explain its architecture.
9. What is JS Event and explain any two events with examples?
10. Difference between XML and HTML.
11. Explain ASP Drive Object with example.
12. What is ASP Procedure? Explain with example.
13. Explain ASP Drive Object with example.
14. Difference between XML and HTML.
15. What is Event? Explain any two JS Events with example.
16. Explain Client Request and any one method in detail.
17. What is Cookie? Are cookies dangerous to computer?
18. What is Apache Tomcat Server? Explain its Architecture.
19. What is Subroutine in Perl? Explain passing arguments to Subroutine?
20. What is Cookies? Are cookies dangerous to computer?
21. Explain External DOCTYPE Declaration with example.

Answer the following. (5 marks)

1. XML Attributes
2. Proxy Server
3. Explain HTML list
4. XML External DOCTYPE Declaration
5. Relational operator in JavaScript
6. Datatypes used in Perl

Write short notes (5 marks)

1. PERL arrays
2. Proxy server
3. HTML CSS
4. OnSubmit and OnFocus