

MICS Important for November 2008 Exam

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1. What is a sub system? Explain the process decomposition of with proper examples?
What is information? Explain the characteristics of information?
2. What is transaction? What are the components of TPS?
3. What are the characteristics of effective MIS?
Explain the effect of implementation of computer technology in MIS? List down the misconceptions or myths of MIS?
4. Discuss the various levels of management and their information requirement?
How a system approach can solve the problem? List out the differences between individual and group decision?
5. List out the subsystems of production system and what information is required by them?
Explain the various sub systems of marketing subsystem? What information is required by marketing system?
6. What is EIS? What are DSS goals?
List out the five characteristics of type of information used in executive decision making? How does EIS differ from traditional information systems?
7. What is client server? Explain the characteristics of traditional computing mode?
Why should we change to C/S system? Components of C/S?
As a IS auditor what control techniques should you ensure for security? What are the benefits of client server?
8. What is SDLC? Explain the characteristics in system development methodology?
What is prototype list the steps and its benefits
Explain how feasibility is conducted by the system analyst with its costs and benefits?
9. Why the organizations fail to achieve system development objectives?
What is DFD? Explain with an example
What tools are used by analyst to depict the logical flow for the proposed system?
10. What are the factors to be considered while designing output? How can the information be presented?
Explain some of the desired characteristics of good coding scheme with examples?
11. What are the rigorous methods of evaluating the vendor proposal? What is benchmarking?
Explain the advantages and disadvantages of make or buy? What are various program design tools?
Write briefly about the checklist need to be prepared before selecting software?
12. Explain different conversion strategies with advantages and limitations of each?
Describe the activities involved in conversion?
13. OLRT flowchart in sales order processing/Production schedule/cost estimation/&offline payroll?
14. Define ERP? Explain the ERP implementation methodology?
What are post implementation blues?
What is BPR? What is business modeling?
15. What components need to be found in secure operating system?
What are audit trail objectives?
Explain in detail the organization structure controls?
16. Why system development controls are essential?
How to control denial of service attack?
17. What are the physical security controls required to safeguard the computer centre?
What are the controls necessary for personal computer controls?
18. Discuss source document controls? What are validation controls?
What are the three categories of processing control? What are output controls?

19. What is computer fraud? Why should the business take computer fraud seriously?
Why there is a rise in internet computer frauds? Discuss various measures that can decrease the potential for fraud and any resultant loss?
20. IT Act important topics: digital signature, Sections 2/10/30/43/58/65-74/89
21. Explain auditing concerns with its scope and purposes?
List down the framework for program development/modification? (Reprocessing, parallel simulation)
22. List down the framework for overall computer security?
What are concurrent audit techniques? Explain the types under them? What are the controls required for audit of files?
23. What is information security? What information is sensitive?
What are the core principles of information security? Explain the information security policy statement example?
24. What are case tools? What are programming workbenches?
Write briefly on integrated case tools? Write the example of CASE tool set?
25. Short notes:

Supra system	Business management	Input control matrix
System environment/ System entropy	Encryption	DIAT
Data storage	Access token	Preventive information protection
Database	GFS in magnetic tape	Laptop security
MRP	Biometric devices	BS 77-99
Fat Client-Server	Firewall	Digital signature certificate
System manual	DRP	Expert systems
Point scoring analysis	Check digital control	Server centric models