



ENGINEERING & MANAGEMENT EXAMINATIONS, DECEMBER - 2008

MANAGEMENT INFORMATION SYSTEMS-I

SEMESTER - 1

Time : 3 Hours]

[Full Marks : 70

GROUP - A

(Multiple Choice Type Questions)

1. Choose the correct alternatives for the following : 10 × 1 = 10
- i) Which one of the following is a characteristic of a mesh network ?
- a) It controls cable costs b) It offers improved reliability
- c) It is required by fire code d) It needs a token to operate.
- ii) Which one of the following would help your laptop communicate with the server of your network ?
- a) Switch
- b) Router
- c) Another laptop
- d) Two laptops, one connected to your and other to the server.
- iii) Meta Model means
- a) Iterative Waterfall Model b) Spiral Model
- c) Prototype Model d) None of these.
- iv) Validation testing is performed by
- a) Alpha test b) Beta test
- c) Gamma test d) System acceptance test.

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- v) Which of the following is true ?
- a) Data is the singular of datum
 - b) Data are useful in nature
 - c) Information is processed data
 - d) Information by itself has no meaning.
- vi) Simon's decision making model has
- a) 2 stages
 - b) 3 stages
 - c) 4 stages
 - d) None of these.
- vii) Expert systems have the characteristic
- a) wide domain of expertise
 - b) focused area of expertise
 - c) used by operational levels of management
 - d) uses state of the art graphics display.
- viii) What do you mean by symmetric cryptography ?
- a) There are one public and one private keys
 - b) Single shared key between sender and receiver
 - c) 2 different keys are used
 - d) Private key is not known while public key is known to all.



ix) The first step in SDLC is

- a) preliminary investigation and analysis
- b) system design
- c) signing a contract for software development
- d) database design.

x) Which is the most appropriate statement among the following ?

- a) Operational managers make unstructured decisions
- b) Middle level managers undertake long range planning
- c) As the management level goes up the hierarchy, information becomes more and more summarized.
- d) None of these.

GROUP - B

(Short Answer Type Questions)

Answer any *three* of the following :

3 × 5 = 15

- 2. Differentiate amongst Internet, Intranet and Extranet. 5
- 3. What is the role of operating system in a computer ? 5
- 4. Briefly narrate the process of Electronic Fund Transfer. 5
- 5. Write in brief the salient features of LAN, WAN and MAN. 5
- 6. How are B2C and C2B related ? 5

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**GROUP - C****(Long Answer Type Questions)**Answer any *three* of the following.

3 × 15 = 45

7. a) Explain with examples the System Development Cycle.
- b) What is meant by a prototype model ? 10 + 5
8. Elaborate with examples the following processing methods : 3 × 5
- a) Batch processing
- b) Online processing
- c) Real time processing.
9. What do you mean by "mail merge" ? What are the advantages of using mail merge ? Describe the steps of mail merge using a suitable example. 3 + 3 + 9
10. a) State the importance of networking in forming the Core Banking System (CBS) of a multilocal bank. What do you mean by Real Time Gross Settlement (RTGS) ?
- b) Write in brief the importance of creating firewall in the banking process. (7 + 3) + 5
11. a) What is systems software ? Give examples.
- b) Classify and explain different types of computer languages.
- c) How can we classify different types of information systems ? 5 + 5 + 5

END

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