Complex Information Systems practice questions

1. Components of Logical Data model:
- entities, or groups of data
- their relationship(s) with each other

Proof: [Joyce_Duncan,_Lesley_Rackley,_Alexandria_Walker_SSADM in Practice Version 4, page 31

2. The products of (Derive System) Functions
- Function Definitions
- Input/Output Structures
- User Roles Function Matrix

Proof: [Joyce_Duncan,_Lesley_Rackley,_Alexandria_Walker_SSADM in Practice Version 4, page 50

3. Properties of Platform as a Service
- it has parallels with web hosting
- enables the complete application development life cycle within a cloud
- tools for development and testing
- resources are dynamically scaled

Proof: Complex Information Systems 08.pdf, page 21

4. Business Process Modelling - UML Activity Diagram components
- Actions
- Control flow
- Split and Join
- Decisions
- Swimlanes

Proof: Complex Information Systems 06.pdf, page 13

5. Components of Web Technology for Cloud Computing
- a key to building cloud systems - HTTP
- asks the server for information about resource - HEAD
- stores data in a resource - PUT
- sends data to a program to be processed on the server - POST
- deletes the specified resource - DELETE

Proof: Complex Information Systems 08.pdf, page 31

6. Advantages of modelling the business processes
- Basis for continued optimisation
- Basis for creating information systems that support the business processes
- Better understanding of existing business processes
- Basis for improving existing business processes
- Documents the business process
- Basis for experiencing and simulating new concepts and impact on the organisation
- It is known as Workflow Management Systems

Proof: Complex Information Systems 06.pdf, page 8

7. What is Cloud Computing?
- cloud computing is a means by which computational power
- storage
- collaboration
- infrastructure
- business processes
- applications

- can be delivered as a utility, that is a service or collection of services that meet your demands
- In the need of extra processing power, it is available in an instant

Proof: Pages from Guide to Cloud Computing, page 3

8. Which of the following are steps within a generic business process of an organisation?
- Trigger
- Outcome

Note: I checked from many sources. Answer is Trigger and Outcome. What is strange for me is question has 4pts. Most of questions has same points for each selected choice. Here maybe each choice has 2pts.

Proof: m5zn_1073d1de2c663d8_Integrated Business Processes with ERP Systems.pdf, page 5

9. In which components of the asset management process is production involved?
- Request maintenance
- Authorise maintenance
- Perform maintenance

Proof: m5zn_1073d1de2c663d8_Integrated Business Processes with ERP Systems.pdf, page 12

10. A three-tier architecture includes which of the following components
- Presentation layer
- Application layer
- Data layer

Proof: m5zn_1073d1de2c663d8_Integrated Business Processes with ERP Systems.pdf, page 24