Information Systems
ISM 3011

Unit 11B

This unit does not contain audio narration.
Please use the icons to navigate!

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Case 1: PixAround.com
Question 1

3D technology allows you to have a more immersive user experience and easy interactivity on the Web. It lets you examine and manipulate objects in ways not possible with two dimensions.

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Case 1: PixAround.com
Question 2

Areas that could benefit from this technology include: architecture, engineering, games, education, and the field of medicine.

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Case 1: PixAround.com
Question 3

Incorporating avatars in the design could prove interesting.

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Case 1: PixAround.com
Question 4

System requirements could be considered a limitation.

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Case 2: Transco
Question 1

Advantages include:
- high potential payoff or significantly reduced downside risk,
- the ability to capture and preserve irreplaceable human expertise,
- the ability to develop a system more consistent than human experts,
- and expertise needed in a hostile environment that is dangerous to human health.

One disadvantage could be the high cost involved in implementing the system.

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Case 2: Transco
Question 2

The following three industries manage hazardous, complex systems:

- mining,
- chemical,
- and metal manufacturing.

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Case 2: Transco
Question 3

The following jobs may be considered:

- law enforcement,
- nursing,
- and journalism.

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Case 2: Transco
Question 4

Errors in the design of expert systems may have dramatic effects, especially if used on mission critical systems.
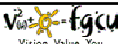
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Case 3: IBM eLiza
Question 1

Consider issues such as broken links and downtime.
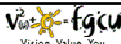
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Case 3: IBM eLiza
Question 2

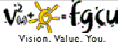Consider what would occur if any one of these devices malfunctioned.

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Case 3: IBM eLiza
Question 3

Human system administrators will have a new responsibility, maintaining the self-healing devices.

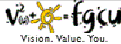Dr. Martin Hepp   12

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Case 3: IBM eLiza
Question 4

Companies specializing in the maintenance of these devices will see an increase in outsourcing opportunities.

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Thank you!

Any questions? Please send an e-mail to mhepp@computer.org!

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