English for Computing

Spring 1404   Homework 3

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Question 1)

1. Morse — F. developed a code for transmitting messages by electric cable
2. d'Almeida — C. invented a type of insulation from the sap of a tree
3. Field — E. was the first to attempt to have a transatlantic cable laid
4. Kelvin — B. was the first to be utterly successful in getting the transatlantic cable laid

5. insulation

6. towed

7. snapped

8. transmitted

9. triumph

Question 2)

Across

1. Application

2. Software

3. Mail merge

4. Loop

5. Spreadsheet

6. Multimedia

7. Linkage

8. Publishing

9. Developer

10. Package

Down

1. Compatible

Across

1. Circuit

2. Protocol

3. Analog

4. Download

5. Pulses

6. Terminal

7. Digital

8. Online service

9. Cluster

10. Multiplexer

11. Modem

12. ?

Down

1. transmission

Question 3)

Section A)

1. replacing vacuum tubes with **transistors**

2. **Memory manager** and network stack and process manager

3. **GNU** , because it lets anyone view and modify the code

4. **May 4, 2000**

5. **Fear** that machines would replace human

Section B)

1. Linux is monolithic but supports modular design with loadable kernel components, enabling parallel development. Its organized subsystems let developers focus on specific areas, such as drivers or file systems, without disrupting the whole kernel.

2. It manipulated trust through romantic messages to deceive victims. Modern phishing attacks, like fake emails or login screens, use the same psychological tricks.

3. ENIAC filled entire rooms yet managed only thousands of operations per second. Today's smartphones, with compact multi-core chips and built-in wireless tech, execute billions of commands effortlessly.

Section C)

2. vacuum

3. glibc.

4. VBScript.

5. MINIX.

6. Virtual File System.

Section D)

1. B. Virtual File System

2. C. 6 million

3. False

4. Matching – Milestone to Decade

A. Introduction of integrated circuits   2) 1960s

B. Deployment of ENIAC   1) 1940s

C. Release of Linux 1.0   3) 1990s

D. Popularisation of transistor-based computers 4) 1950s

5. C. Exploiting UNIX servers