uc3m | Universidad **Carlos III** de Madrid

OpenCourseWare

Theory of Information and Communication

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Unit 1- Test 1.3

Matching Test

Instructions: Match each concept with its correct description.

Concepts:

1. Memex
2. Cybersecurity
3. ARPANET
4. Artificial Intelligence (AI)
5. Paul Otlet
6. Internet of Things (IoT)
7. TCP/IP
8. Digital Divide
9. Universal Decimal Classification (UDC)
10. Cloud Computing
11. Tim Berners-Lee
12. Mundaneum
13. Ubiquitous Technology
14. Packet Switching
15. Vannevar Bush

Descriptions:

a. The first network that led to the development of the Internet.
b. A system that allows remote storage and processing of data over the internet.
c. The protocol that enables communication across computer networks.
d. Inventor of the World Wide Web.
e. A method of breaking data into smaller packets for efficient transmission.
f. Measures taken to protect digital systems and data from cyber threats.
g. Interconnected devices that communicate and exchange data.
h. The gap between those with and without access to digital technology.
i. Pioneered documentation science and developed the Universal Decimal Classification.
j. Integration of computing into everyday life, enabling smart devices and automation.
k. Proposed the concept of the Memex, influencing hypertext and digital storage.
l. Technology that enables machines to simulate human intelligence.
m. An early attempt to create a global digital library.
n. A system created to organize and categorize a vast range of information.
o. A theoretical machine for storing and retrieving information associatively.