

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.

Solutions

1. **Memex** → o
2. **Cybersecurity** → f
3. **ARPANET** → a
4. **Artificial Intelligence (AI)** → l
5. **Paul Otlet** → i
6. **Internet of Things (IoT)** → g
7. **TCP/IP** → c
8. **Digital Divide** → h
9. **Universal Decimal Classification (UDC)** → n
10. **Cloud Computing** → b
11. **Tim Berners-Lee** → d
12. **Mundaneum** → m
13. **Ubiquitous Technology** → j
14. **Packet Switching** → e
15. **Vannevar Bush** → k

