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**Chapter 1 Test**

**TRUE/FALSE. Write 'T' if the statement is true and 'F' if the statement is false.**

1) The term educational technology has evolved over time to mean the array of electronic devices used for education.

FALSE

2) Technological literacy cannot serve as the primary rationale for integrating educational technology.

TRUE

3) One thing we have learned from the history of technologies in education is that teachers rarely have time to develop their own instructional media for teaching.

TRUE

4) Microcomputers were the first computer technology to be implemented in K-12 schools.

TRUE

5) Research over the past 40 years has shown conclusively that technology-based methods are

usually superior to traditional ones.

FALSE

6) Wireless connectivity makes computer networks more complex and even more difficult to

maintain.

FALSE

7) The number of students learning through virtual systems is steadily increasing.

TRUE

8) The No Child Left Behind Act requires that all students meet high standards of achievement,

with the exception of students with disabilities.

FALSE

9) Studies show that technology works best when it directly supports the curriculum objectives

being assessed.

TRUE

**MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.**

10) Educators who come from a vocational background and belong to the ITEA professional

organization use this term to refer to uses of technology for teaching and learning.

A) educational technology

B) instructional systems

C) technology education

D) instructional technology

ANSWER: D

11) In which of the following eras did Integrated Learning Systems (ILSs) become popular?

A) Post-Internet Era

B) Microcomputer Era

C) Pre-microcomputer Era

D) Internet Era

ANSWER: B

12) What is one thing we have learned from the history of technology in education about the role

teachers will play in the future?

A)To be effective, schools must keep up with new technology-based methods.

B) Due to technological innovations, human teachers gradually will be phased out.

C) Despite technological innovations, human teachers will always be very important.

D) The most successful teachers are ones who integrate technology into their methods.

ANSWER: C

13) What does AUP stand for?

A) Authorized Use Procedures

B) Authorized Uniform Policies

C) Authorized Use Policies

D) Authorized Uniform Procedures

ANSWER: C

14) Which of the following is one of the "big issues" shaping the current and future climate of

educational technology?

A) cooperative vs. individualized learning strategies

B) Macintosh vs. Windows platform usage in schools

C) directed vs. constructivist learning strategies

D) web-based vs. broadcast distance learning delivery

ANSWER: C

15) Which of the following best describes ISTE-NETS?

A) educational software to support teaching and learning

B) educational materials to consider when designing instruction

C) educational technology standards for students

D) educational technology standards for students and teachers

ANSWER: D

16) Cellular phones with the capability to send digital images and text messages is an example

of:

A) intelligent applications

B) destructive functionalities of devices

C) merging of technologies

D) visual immersion systems

ANSWER: C

17) What is the main advantage of handheld computers?

A) AI applications

B) GPS

C) portability

D) small screen size

ANSWER: C

18) Which of the following statements **does not** justify the use of technology in education?

A) technology use can improve student motivation and attitude

B) technology use can address the needs of students with learning handicaps

C) technology use can help prepare students for the workforce

D) technology use can be a great reward for student behavior

ANSWER: D