

Name _____

[/test-bank-microbiology-for-surgical-technologists-2e-rodriquez](#)

Class _____

Date _____

Ch 1 - Introduction to Microbiology

1. Robert Hooke was the first to use the term _____ to describe the small honeycomb-like spaces seen in cork.

ANSWER: cell

POINTS: 1

QUESTION TYPE: Completion

HAS VARIABLES: False

STUDENT ENTRY MODE: Basic

DATE CREATED: 12/8/2015 5:24 PM

DATE MODIFIED: 12/8/2015 5:48 PM

2. Emperor Napoleon Bonaparte commissioned a scientific study by _____ to address spoiling of beer and wine.

ANSWER: Louis Pasteur

POINTS: 1

QUESTION TYPE: Completion

HAS VARIABLES: False

STUDENT ENTRY MODE: Basic

DATE CREATED: 12/8/2015 5:32 PM

DATE MODIFIED: 12/8/2015 5:48 PM

3. The hemorrhagic fever known as _____ was first described in 1976 in Zaire, Africa.

ANSWER: Ebola

POINTS: 1

QUESTION TYPE: Completion

HAS VARIABLES: False

STUDENT ENTRY MODE: Basic

DATE CREATED: 12/8/2015 5:49 PM

DATE MODIFIED: 12/8/2015 5:50 PM

4. Letters laced with _____ sent through the US Postal Service to media outlet offices represented an act of domestic bioterrorism in 2001.

ANSWER: anthrax

POINTS: 1

QUESTION TYPE: Completion

HAS VARIABLES: False

STUDENT ENTRY MODE: Basic

DATE CREATED: 12/8/2015 5:50 PM

DATE MODIFIED: 12/8/2015 5:50 PM

5. The Healthcare Infection Control Practices Advisory Committee (HICPAC) is a special section within the _____ which develops guidelines for healthcare workers to prevent disease transmission in the workplace.

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ANSWER:

Centers for Disease Control and Prevention (CDC)

POINTS:

1

QUESTION TYPE:

Completion

HAS VARIABLES:

False

STUDENT ENTRY MODE:

Basic

DATE CREATED:

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6.

Surgical technologists and other team members utilize all of the following to prevent disease transmission in the operating room EXCEPT:

- a. Aseptic and sterile techniques
- b. Other potentially infectious materials
- c. Personal protective equipment
- d. Surgical conscience

ANSWER:

b

POINTS:

1

QUESTION TYPE:

Multiple Choice

HAS VARIABLES:

False

DATE CREATED:

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7. Which early pioneer in microbiology first theorized that disease was spread through direct contact or airborne transmission?

- a. Girolamo Fracastoro
- b. Edward Jenner
- c. John Needham
- d. Francesco Redi

ANSWER:

a

POINTS:

1

QUESTION TYPE:

Multiple Choice

HAS VARIABLES:

False

DATE CREATED:

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DATE MODIFIED:

12/8/2015 5:59 PM

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8. Semmelweis tried implementing strict hand hygiene protocols to reduce the fatality rate in post-partum patients from which of the following diseases?

- a. Anthrax
- b. Puerperal fever
- c. Smallpox
- d. Typhoid fever

ANSWER: b
POINTS: 1
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
DATE CREATED: 12/8/2015 5:59 PM
DATE MODIFIED: 12/8/2015 6:00 PM

9. Robert Koch developed which of the following laboratory technique which is now a standard method for culturing bacterial colonies?

- a. Pasteurization by heating
- b. S-shaped flasks with broth
- c. Streak plate wire-loop method
- d. Variolation from pustules

ANSWER: c
POINTS: 1
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
DATE CREATED: 12/8/2015 6:01 PM
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10. Which of the following pioneers in microbiology first proposed that microbes can be classified as either aerobic or anaerobic?

- a. Edward Jenner
- b. Joseph Lister
- c. Robert Koch
- d. Louis Pasteur

ANSWER: d

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POINTS:	1
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
DATE CREATED:	12/8/2015 6:04 PM
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Match the term or phrase with the correct description.

- | | |
|--|---|
| a. Method used to determine immunity or susceptibility to diphtheria | b. A hypothesis or basic assumption based on scientific study and deduction |
| c. Early theory that living things spontaneously arise from non-living materials | d. Inoculation of a healthy individual with fluid from cowpox pustules to gain immunity |
| e. Term used by von Leeuwenhoek to describe microscopic organisms | f. The process of passing genetic material between bacterial cells |
| g. Extensive, possibly world-wide disease outbreak involving large groups | h. Early theory that disease was spread by "bad air" |
| i. Any agent capable of destroying all microbial life, including spores | j. Condition of being vulnerable to disease due to ineffective natural body defenses |

QUESTION TYPE:	Matching
HAS VARIABLES:	False
DATE CREATED:	12/8/2015 6:06 PM
DATE MODIFIED:	12/8/2015 6:30 PM

11. abiogenesis

ANSWER:	c
POINTS:	1

12. animalcules

ANSWER:	e
POINTS:	1

13. conjugation

ANSWER:	f
POINTS:	1

14. immunocompromised

ANSWER:	d
POINTS:	1

15. miasma theory

ANSWER:	h
POINTS:	1

16. pandemic

ANSWER:	g
POINTS:	1

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: _____ : _____ e: _____

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17. postulate

ANSWER:

b

POINTS:

1

18. Schick test

ANSWER:

a

POINTS:

1

19. sterilant

ANSWER:

i

POINTS:

1

20. variolation

ANSWER:

d

POINTS:

1

21.

A surgical conscience is something that pertains exclusively to surgical technologists, not others.

- a. True
- b. False

ANSWER:

False

POINTS:

1

QUESTION TYPE:

True / False

HAS VARIABLES:

False

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22. Semmelweis identified that medical students were responsible for the high mortality rate from puerperal fever in post-partum patients.

- a. True
- b. False

ANSWER:

True

POINTS:

1

QUESTION TYPE:

True / False

HAS VARIABLES:

False

DATE CREATED:

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DATE MODIFIED:

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23. Pasteur reduced post-operative wound infections by soaking dressings in carbolic acid and spraying it over surgical set-ups.

- a. True
- b. False

ANSWER:

False

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POINTS: 1
 QUESTION TYPE: True / False
 HAS VARIABLES: False
 DATE CREATED: 12/9/2015 7:56 AM
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24. Robert Koch discovered the first antibiotic while discarding used Petri dishes after experiments.

- a. True
- b. False

ANSWER: False
 POINTS: 1
 QUESTION TYPE: True / False
 HAS VARIABLES: False
 DATE CREATED: 12/9/2015 7:58 AM
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25. Standard precautions no longer apply because they have been replaced by universal precautions by the CDC's HICPAC.

- a. True
- b. False

ANSWER: False
 POINTS: 1
 QUESTION TYPE: True / False
 HAS VARIABLES: False
 DATE CREATED: 12/9/2015 7:59 AM
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26. Transmission-based precautions include airborne, contact, and droplet precautions.

- a. True
- b. False

ANSWER: True
 POINTS: 1
 QUESTION TYPE: True / False
 HAS VARIABLES: False
 DATE CREATED: 12/9/2015 7:59 AM
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27. Hans Gram is credited with developing the pure culture techniques and streak plate method used in laboratory analyses.

- a. True
- b. False

ANSWER: False
 POINTS: 1

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QUESTION TYPE: True / False
HAS VARIABLES: False
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28. Endemic diseases are continuously present in certain geographic areas and involve relatively few people with low mortality rates.

- a. True
- b. False

ANSWER: True
POINTS: 1
QUESTION TYPE: True / False
HAS VARIABLES: False
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29. Both aerobic and anaerobic microbes grow best in the presence of air, but only anaerobic microbes create pus.

- a. True
- b. False

ANSWER: False
POINTS: 1
QUESTION TYPE: True / False
HAS VARIABLES: False
DATE CREATED: 12/9/2015 8:01 AM
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30. PPEs include masks, sterile and unsterile gowns and gloves, hats, shoe covers, respirators, and aprons.

- a. True
- b. False

ANSWER: True
POINTS: 1
QUESTION TYPE: True / False
HAS VARIABLES: False
DATE CREATED: 12/9/2015 8:01 AM
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