

Marked out of 1.00 pv Flag question

The invention of the simple microscope was very important to the development of Microbiology. But why was it not followed by much progress afterwards?

Select one:

☐ a. There were no more scientific

investigations by Aristotle

☐ b. The simple microscope was converted to

compound microscope

☐ c. Microscopic observation did not provide enough information about the colonial A)

morphology of microorganisms

69 CamScanner

--- Page 27 ---

Question 16 Not yet answered

Marked out of 1.00 yp Flag question

The invention of the simple microscope was very important to the development of Microbiology. But why was it not followed by much progress afterwards?

Select one:

☐ a. There were no more scientific investigations by Aristotle

☐ b. The simple microscope was converted to compound microscope

☐ c. Microscopic observation did not provide enough information about the colonial morphology of microorganisms

☐ d. The simple microscope ceased to function

☐ e. Francesco Stelluti died

Question 17 Not yet answered

Marked out of 1.00 iv Flag question

Which of the following is an advantage of dry

DI

CamScanner

--- Page 28 ---

11:218 at)! LTE }

Question 17 Not yet answered

Marked out of 1.00 pv Flag question

Which of the following is an advantage of dry

heat sterilization?

Select one:

☐ a. It is faster than moist heat sterilization

☐ b. It is effective for sterilizing items that

might be damaged by moisture

☐ c. It can be used to sterilize culture media

☐ d. It leaves no toxic residues

☐ e. It is suitable for all types of materials

Question 18 Not yet answered

Marked out of 1.00 pv Flag question

What is the primary limitation of the filtration process for sterilization?

Select one:

- ☐ a. It cannot remove all bacteria
- ☐ b. It is too slow for practical use
- ☐ c. It requires high pressure to be effective
- ☐ d. It leaves toxic residues in the filtered

OO ©

material Q

© e. The pores are not small enough to filter

69 CamScanner

--- Page 29 ---

Question 18 Not yet answered

Marked out of 1.00 py Flag question

What is the primary limitation of the filtration
process for sterilization?

Select one:

- ☐ — a. It cannot remove all bacteria
- ☐ _ b. It is too slow for practical use
- ☐ c. It requires high pressure to be effective
- ☐ d. It leaves toxic residues in the filtered
material
- ☐ e. The pores are not small enough to filter
out viruses

Question 19 Not yet answered

Marked out of 1.00 iv Flag question

What is the primary purpose of transport media
in microbiology?

Select one:

- ☐ a. To provide nutrients for microbial A)

multiplication

--- Page 30 ---

Question 18 Not yet answered

Marked out of 1.00 py Flag question

What is the primary limitation of the filtration
process for sterilization?

Select one:

- ☐ — a. It cannot remove all bacteria
- ☐ _ b. It is too slow for practical use
- ☐ c. It requires high pressure to be effective
- ☐ d. It leaves toxic residues in the filtered
material
- ☐ e. The pores are not small enough to filter
out viruses

Question 19 Not yet answered

Marked out of 1.00 iv Flag question

What is the primary purpose of transport media

in microbiology?

Select one:

☒ a.To provide nutrients for microbial A)

multiplication

69 CamScanner

--- Page 31 ---

Question 19 Not yet answered

Marked out of 1.00 pv Flag question

What is the primary purpose of transport media

in microbiology?

Select one:

☒ a.To provide nutrients for microbial

multiplication

☐ b.To increase the pathogenicity of the

specimen

☒ c. To preserve the specimen and minimize

bacterial overgrowth

☒ d. To enhance the growth of specific

microorganisms

☐ e. To sterilize the specimen for laboratory

analysis

Question 20 Not yet answered

Marked out of 1.00 v Flag question

What makes chocolate agar an enriched

medium?

Select one:

CamScanner

--- Page 32 ---

11:218

x @ testonline.unilag.edu.ng

Question 20 Not yet answered

Marked out of 1.00 pv Flag question

What makes chocolate agar an enriched medium?

Select one:

☒ a. It contains heat-treated blood, giving it a brown color

☐ b. It includes selective agents to inhibit unwanted bacteria

☐ c. It has a high salt concentration

☐ d. It contains a pH indicator to differentiate bacterial species

☐ e. It contains glucose as a carbon source

Quiz navigation

MEOOONeo

1:38PM ©2482 © ° OOF 4% GO

x vy rv) [CLICK HERE TO S...](#) <

testonline.unilag.edu.ng

Question 1 Not yet answered

Marked out of 1.00 vr Flag question

Which of the following is a typical Gram-negative bacterium?

Select one:

- a. *Clostridium* spp.
- b. *Bacillus* spp.
- c. *Streptococcus* spp
- d. *Staphylococcus* spp.
- e. *Helicobacter* spp.

Question 2 Not yet answered

Marked out of 1.00 vr Flag question

Why might an undefined medium be

chosen over a defined medium?

Select one:

a. Because it is necessary for

autotrophic organisms

b. Because it is always less i

expensive than defined media

c. Due to its ability to support

69 CamScanner

--- Page 34 ---

1:38PM #242 © ° OG SP 454) 4%) GED

elect one:

a, Because it is necessary for

autotrophic organisms

b. Because it is always less

expensive than defined media

c. Due to its ability to support
microorganisms that cannot grow on

defined media

d. Because it always has a higher pH

e. Because it provides precise control

over nutrient content

Question 3 Not yet answered

Marked out of 1.00 v Flag question

Which of the following lack cellular
components necessary for metabolism or

independent reproduction?

Select one:

a. Bacterium

b. Algae

c. Virus

d. Yeast

e. Mold X

--- Page 35 ---

1:38PM ©2482 © ° OG SP 4) 4%) GE

Question 4 Not yet answered

Marked out of 1.00 Pr Flag question

The first drawing of microorganisms was published in

Select one:

a. Basic Microbiology textbook

b. Robert Hook's Micrographia

c. Robert Koch Journal

d. Microbiology magazine

e. Microbiology newsletter

Question 5 Not yet answered

Marked out of 1.00 v Flag question

What is the primary limitation of the filtration process for sterilization?

Select one:

a. It leaves toxic residues in the

filtered material

b. It cannot remove all bacteria

c. It is too slow for practical use

d. It requires high pressure to be i

effective

69 CamScanner

--- Page 36 ---

1:38PM ©4242 © & OG SP 45

d. It requires high pressure to be

effective

e. The pores are not small enough to

filter out viruses

Question 6 Not yet answered

Marked out of 1.00 v Flag question

Which of the following is not true about
viruses?

Select one:

a. They exist in the extracellular and

intracellular phase

b. They carry out metabolism on their

own

c. They can mutate

d. They can reproduce, but only in

living host cells

e. They are much smaller than

prokaryotes

Question 7 Not yet answered

Marked out of 1.00 vr Flag question

M

Which of the following is true about simple

atnininad

69 CamScanner

--- Page 37 ---

1:38PM € 42 © ° O06 LE 4%) GO

Question Not yet answered

Marked out of 1.00 v Flag question

Which of the following is true about simple staining?

Select one:

a. It produces color contrast and imparts the same color to all bacteria in the smear

b. It uses dyes like India ink or

Nigrosin

c. It does not require making a smear

d. It requires two different dyes

e. It is primarily used to view viruses

Question 8 Not yet answered

Marked out of 1.00 4 Flag question

Why are dyes used to stain cells in microscopy?

Select one:

a. To increase the magnification of the light microscope

b. To create color contrast and i

enhance visibility of structural details

69 CamScanner

--- Page 38 ---

1:38PM €© 242 © ° OG Sr 44) 4%) GE)

c. To differentiate between different

types of viruses

d. To stain the slide background

black

e. To bind with positively charged

cellular constituents.

Question 9 Not yet answered

Marked out of 1.00 er Flag question

The antibiotic penicillin is from ————

Select one:

- a. Mold
- b. Bacterium
- c. Algae
- d. Yeast

e. Virus

Question 10 Not yet answered

Marked out of 1.00 ve Flag question

What is the primary use of assay media in
microbiological techniques? i

Select one:

x y @ [CLICK HERE TO S...](#) <

testonline.unilag.edu.ng

Question 10 Not yet answered

Marked out of 1.00 v Flag question

What is the primary use of assay media in

microbiological techniques?

Select one:

- a. To determine vitamins, amino acids, and antibiotics
- b. Isolation of pure bacterial cultures
- c. Characterization of bacteria
- d. Enumeration of bacteria
- e. Maintenance of bacterial cultures

Question 11 Not yet answered

Marked out of 1.00 vr Flag question

Which of the following items is most suitable for sterilization using a hot air oven?

Select one:

- a. Glycerol and dusting powders i
- b. Rubber gloves

69 CamScanner

--- Page 40 ---

1:38PM #® 242 © ° OG SP 4) 4%) GE

Question 11 Not yet answered

Marked out of 1.00 v Flag question

Which of the following items is most suitable for sterilization using a hot air oven?

Select one:

- a. Glycerol and dusting powders
- b. Rubber gloves
- c. Surgical dressings
- d. Plastic containers
- e. Culture media

Question 12 Not yet answered

Marked out of 1.00 er Flag question

Which of the following is not true about Koch's postulates?

Select one:

- a. The pathogen from the pure culture must cause the disease when inoculated into a healthy, susceptible host XI
- b. The specific pathogen must be

--- Page 41 ---

1:39PM ® 248 © ° OG SP 45) 4%) GE)

Question 12 Not yet answered

Marked out of 1.00 v Flag question

Which of the following is not true about Koch's postulates?

Select one:

- a. The pathogen from the pure culture must cause the disease when inoculated into a healthy, susceptible host
- b. The specific pathogen must be isolated from diseased host and grown in pure culture
- c. None of these
- d. The pathogen must not be re-isolated from the new host

e. The pathogen must be present in

all cases of the disease

Question 13 Not yet answered

Marked out of 1.00 ve Flag question

What makes chocolate agar an enriched medium? i

Select one:

69 CamScanner

--- Page 42 ---

1:39PM ® 420» © © 2% 464) 405) GE)

Question 13 Not yet answered

Marked out of 1.00 vr Flag question

What makes chocolate agar an enriched medium?

Select one:

a. It includes selective agents to

inhibit unwanted bacteria

b. It has a high salt concentration

c. It contains a pH indicator to

differentiate bacterial species

d. It contains heat-treated blood,

giving it a brown color

e. It contains glucose as a carbon

source

Question 14 Not yet answered

Marked out of 1.00 Vv Flag question

Which of the following is true of viruses?

Select one:

a. They are acellular

b. Viruses cannot infect animals

c. They can be grown in synthetic MI

culture media

Question 14 Not yet answered

Marked out of 1.00 v Flag question

Which of the following is true of viruses?

Select one:

- a. They are acellular
- b. Viruses cannot infect animals
- c. They can be grown in synthetic culture media
- d. They cannot infect plants
- e. They cannot infect other microorganisms

Question 15 Not yet answered

Marked out of 1.00 vr Flag question

What is the principle behind the functioning of an autoclave for sterilization?

Select one:

- a. Chemical disinfection
- b. Dry heat sterilization
- c. Filtration XI
- d. Ultraviolet (UV) light exposure

69 CamScanner

--- Page 44 ---

1:39PM €© 242 © ° OG Sr A) 4%) GE

Question 15 Not yet answered

Marked out of 1.00 Ad Flag question

What is the principle behind the functioning of an autoclave for

sterilization?

Select one:

- a. Chemical disinfection
- b. Dry heat sterilization
- c. Filtration
- d. Ultraviolet (UV) light exposure
- e. Moist heat sterilization

Question 16 Not yet answered

Marked out of 1.00 vr Flag question

What distinguishes a defined medium from an undefined medium?

Select one:

- a. Defined medium is more expensive

than undefined medium

- b. Undefined medium cannot support

microbial growth i

c. Defined medium has known

quantities of all ingredients

69 CamScanner

--- Page 45 ---

1:39PM *® a2 © © © 3% 454) 464) GE)

Question 16 Not yet answered

Marked out of 1.00 Pr Flag question

What distinguishes a defined medium from
an undefined medium?

Select one:

a. Defined medium is more expensive

than undefined medium

b. Undefined medium cannot support

microbial growth

c. Defined medium has known

quantities of all ingredients

d. Defined medium contains complex

ingredients like yeast extract

e. Undefined medium is only used for

eukaryotic cells

Question 17 Not yet answered

Marked out of 1.00 e Flag question

The first person to publish detailed and accurate observations of microorganisms was

Select one: i

a. Aristotle

69 CamScanner

--- Page 46 ---

1:39PM ©4242 © ° OG SP 4) 4%) GE)

Question 17 Not yet answered

Marked out of 1.00 ve Flag question

The first person to publish detailed and accurate observations of microorganisms was

Select one:

- a. Aristole
- b. Anthony Van Leeuwenhoek
- c. Girolamo Fracastoro
- d. Louis Pasteur
- e. None of these

Question 18 Not yet answered

Marked out of 1.00 vr Flag question

What is the primary purpose of transport media in microbiology?

Select one:

- a. To provide nutrients for microbial

multiplication

b. To enhance the growth of specific

microorganisms i

c. To preserve the specimen and

69 CamScanner

--- Page 47 ---

1:39PM €© 242 © ° OG SP A) 4%) GE)

Question 18 Not yet answered

Marked out of 1.00 v Flag question

What is the primary purpose of transport media in microbiology?

Select one:

a. To provide nutrients for microbial

multiplication

b. To enhance the growth of specific

microorganisms

c. To preserve the specimen and
minimize bacterial overgrowth

d. To increase the pathogenicity of

the specimen

e. To sterilize the specimen for

laboratory analysis

Question 19 Not yet answered

Marked out of 1.00 v Flag question

Who proposed the Germ Theory of
Disease?

Select one:

a. Louis Pasteur i

b. Lazzaro Spallanzani

69 CamScanner

--- Page 48 ---

1:39PM ©2482 © ° OG SP A) 4%) GE

laboratory analysis

Question 19 Not yet answered

Marked out of 1.00 od Flag question

Who proposed the Germ Theory of Disease?

Select one:

a. Louis Pasteur

b. Lazzaro Spallanzani

c. Robert Koch

d. John Needham

e. Robert Hook

Question 20 Not yet answered

Marked out of 1.00 4 Flag question

All those who contributed to the understanding of the Germ theory of

disease were

Select one:

- a. Robert Koch, and Joseph Lister
- b. Louis Pasteur, and Robert Koch
- c. Lister and Louis Pasteur

69 CamScanner

--- Page 49 ---

1:39PM @ 4&2 © ° OG 9% 455) 464) GE)

- c. Robert Koch
- d. John Needham

e, Robert Hook

Question 20 Not yet answered

Marked out of 1.00 Pr Flag question

All those who contributed to the understanding of the Germ theory of disease were

Select one:

- a. Robert Koch, and Joseph Lister

- b. Louis Pasteur, and Robert Koch
- c. Joseph Lister, and Louis Pasteur
- d. Joseph Lister

e. Louis Pasteur, Joseph Lister, and Robert Koch

Finish attempt ...

Quiz navigation

MEWUEEUED »

PUP Pear

CamScanner

--- Page 50 ---

7 Forwarded

MCH I 0z_2024ç/2025

Question | Not yet answeredMarked out of |.00Flag
question

Question text

Fungi are both macroscopic and microscopic. The
microscopic form is

Select one:

a. Mushroom

b. Hyphae

c. Virus

d. Mold

e. Yeast

Question 2 Not yet answered Marked out of 1.00 Flag
question

Question text

The first person to publish detailed and accurate
observations of microorganisms was

Select one:

a. Girolamo Fracastoro

b. Louis Pasteur

c. None of these

d. Aristotle

e. Anthony Van Leeuwenhoek

Question 3 Not yet answered Marked out of 1.00 Flag
question

Question text

Which of the following is « typical Gram-negative
bacterium?

Select one:

a. Clostridium spp.

b, Staphylococcus spp.

c. Streptococcus spp

d, Helicobacter spp.

e. Bacillus spp.

Question 4 Not yet answered Marked out of 1.00 Flag
question

Question text

Which of the following is NOT a method. of physical

sterilization?

Select one:

a. Quaternary ammonium compounds

b. Ionizing radiation

c. Autoclaving

d. Boiling

e. Filtration

Question \$Not yet answeredMarked out of 1.00Flag

question

Question text

is NOT a characteristic of transport

CamScanner

--- Page 51 ---

GResUOIL

Question text

Which of the following is NOT a characteristic of transport

media?

Select one:

- a. They inhibit the overgrowth of unwanted bacteria
- b. They may contain antibiotics and glycerol for tissue culture specimens
- c. They include growth factors to enhance microbial growth
- d. They are designed to prevent drying (desiccation) of the specimen
- e. They contain buffers and salts such as carbohydrates, peptones, and other nutrients

Question 6 Not yet answered Marked out of 1.00 Flag question

Question text

Which of the following items is most suitable for sterilization using a hot air oven?

Select one:

- a. Culture media

b. Surgical dressings

c. Glycerol and dusting powders

d, Plastic containers

e. Rubber gloves

Question 7 Not yet answered Marked out of 1.00 Flag question

Question text

Which of the following is true of viruses?

Select one:

a. They cannot infect other microorganisms

b. Viruses cannot infect animals

c. They are acellular

d, They can be grown in synthetic culture media

e. They cannot infect plants

Question 8 Not yet answered Marked out of 1.00 Flag question

Question text

Which of the following is a typical Gram-positive bacterium?

Select one:

- a. Salmonella spp.
- b. Pseudomonas spp.
- c. Staphylococcus spp.
- d. Escherichia coli
- e. Neisseria spp.

Question YNot yet answeredMarked out of 1.00Flag
question

Question text

What is the primary use of assay media in microbiological techniques?

Solort nno

CamScanner

--- Page 52 ---

Select one:

- a, Maintenance of bacterial cultures
- b. To determine vitamins, amino acids, and antibiotics
- c. Characterization of bacteria
- d, Enumeration of bacteria
- e. Isolation of pure bacterial cultures

Question | O Not yet answered Marked out of | .00 Flag
question

Question text

Who proposed the Germ Theory of Disease?

Select one:

- a. Lazzaro Spallanzani
- b, Robert Hook
- c. Robert Koch

d, Louis Pasteur

e. John Needham

Question | | Not yet answered Marked out of |.00 Flag
question

Question text

The branch of Microbiology that exploits microorganisms for the production of products such as antibiotics, alcohols and other solvents, vitamins, amino acids, and enzymes is called

Select one:

a, Food Microbiology

b. Environmental Microbiology

c. Medical Microbiology

d. Veterinary Microbiology

e. Industrial Microbiology

Question [2 Not yet answered Marked. out of 1.00 Flag
question

Question text

Which of the following is not true about viruses?

Select one:

- a. They are much smaller than prokaryotes
- b, They carry out metabolism on their own
- c. They can reproduce, but only in living host cells
- d., They exist in the extracellular and intracellular phase
- e. They can mutate

Question | 3Not yet answeredMarked, out of | .00Flag
question

Question text

What is the primary purpose of transport media in microbiology?

Select one:

- la. To enhance the growth of specific microorganisms
- bh, To provide nutrients for microbial multiplication
- _To sterilize the specimen for laboratory analysis
- _ To preserve the specimen and minimize bacterial

CamScanner

--- Page 53 ---

e, To Increase the pathogenicity of the specimen

Question | 4Not yet answeredMarked out of | .00Flag
question

Question text

The antibiotic penicillin is from -----

Select one:

- a. Algae
- b. Bacterium
- c. Yeast
- d, Mold
- e. Virus

Question | \$Not yet answeredMarked. out of 1.00Flag
question

Question text

What is the primary mechanism by which autoclave
sterilizes equipment?

Select one:

- a. Freezing
- b. Radiation
- c. Desiccation
- d. High-pressure steam

e. Chemical reactions

Question | 6Not yet answeredMarked out of 1.00Flag
question

Question text

What is the primary mechanism by which UV-C light kills
microorganisms?

Select one:

- a. Destruction of cell walls
- b. Damage to DNA and RNA
- c. Inhibition of metabolic enzymes
- d. Heating and denaturation of proteins
- e. Disruption of cell membranes

Question | 7Not yet answeredMarked out of 1.00Flag
question

Question text

What is the principle behind the functioning of an autoclave for sterilization?

Select one:

- a. Dry heat sterilization
- b. Ultraviolet (UV) light exposure
- c. Chemical disinfection
- d. Filtration
- e, Moist heat sterilization

Question | &Not yet answeredMarked out of | .00Flag
question

Question text

Which of the following lack cellular components necessary
for metabolism or independent reproduction?

Select one:

- a. Yeast

CamScanner

--- Page 54 ---

for metabolism or independent reproduction?

Select one:

a. Yeast

b, Mold

c, Virus

d. Bacterium

e. Algae

Question 14 Not yet answered Marked out of 1.00 Flag
question

Question text

Bacteria are prokaryotes because

Select one:

a. They have cytoplasm

b, They grow rapidly

c. They do not have true nucleus enclosed in a cell
membrane

d. They have true nucleus

e. They are very minute in size

Question 20 Not yet answered Marked. out of 1.00 Flag
question

Question text

Who among the under listed was a proponent of the
theory of spontaneous generation

Select one:

a. All of these

b. Francesco Stelluti

c. Louls Pasteur

d. Aristole

e. John Tyndall

> Forwarded

|. Bacteria are prokaryotes because

a. They grow rapidly

b. They have cytoplasm

c. / They do not have true nucleus enclosed in a cell membrane

d. They have true nucleus

@. They are very minute in size

z. Which of the following lack cellular components necessary for metabolism or independent reproduction?

a. Algae

b, /Virus

c. Mold

d. Bacterium

e. Yeast