

Question 16 Not yet answered

Marked out of 1.00 v Flag question

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

Select one:

a. John Tyndall

b. Aristotle

c. All of these

d. Francesco Stel. 7~

e. Louis Pasteur

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--- Page 37 ---

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Question 16 Not yet answered

Marked out of 1.00 ve Flag question

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

Select one:

a, John Tyndall

b, Aristole

c. All of these

d. Francesco Stelluti

e. Louis Pasteur

Question 17 Not yet answered

Marked out of 1.00 y 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 enhance the growth of specific

microorganisms

© d.To sterilize the media for laboratory use

analysis

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--- Page 38 ---

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Question 18 Not yet answered

Marked out of 1.00 py Flag question

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. Medical Microbiology

b. Environmental Microbiology

c. Food Microbiology

d. Veterinary Microbiology

e, Industrial Microbiology

Question 19 Not yet answered

Marked out of 1.00 v Flag question

Abiogenesis means that

Select one:

> a. Life is a continuous process

b, All of these

c. Reproduction is the only way to life

d. Living organisms could develop from

nonliving matter cA)

© _ e. Living things ot "ne from other living

things through reproduction

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Question 19 Not yet answered

Marked out of 1.00 e Flag question

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Select one:

☒ a. Life is a continuous process

b. All of these

c, Reproduction is the only way to life

d, Living organisms could develop from

nonliving matter

☐ e. Living things only come from other living things through reproduction

Question 20 Not yet answered

Marked out of 1.00 4 Flag question

Antiseptic surgery method that prevented microorganisms from entering wounds was developed by

Select one:

- a, Robert Hook
- b. Louis Pasteur
- c. Joseph Lister
- d. Aristole

e. Robert Koch

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11:33 BO = 6 @ wl

Question 1 Not yet answered

Marked out of 1.00 r Flag question

The antibiotic penicillin is from

Select one:

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

e. Bacterium

Question 2 Not yet answered

Marked out of 1,00 Pr Flag question

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

Select one:

- a. Aristole
- b. John Tyndall
- c. All of these
- d. Louls Pasteur
- e. Francesco Stelluti

Aa

Question 3 Not yet answered

all 25% 8

eS

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11:33 B&D = Be wI Full 25%8

Question 5 Not yet answered

Marked out of 1.00 re Flag question

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

Select one:

☒ a. It is too slow for practical use

☐ b. The pores are not small enough to

filter out viruses

☐ c. It requires high pressure to be

effective

☐ d. It cannot remove all bacteria

☐ e. It leaves toxic residues in the filtered

material

Question 4 Not yet answered

Marked out of 1.00 p Flag question

What is a characteristic of negative staining?

Select one:

☐ a. It uses two different stains to

differentiate bacteria

☐ b. It stains the bacterial or yeast

capsule black

☐ c. It does not require making a smear

and stains the background

☐ d. It requires heat-fixing the bacterial

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11:34 B Os ed Ow wl 8 il 25%8

What is the primary mechanism by which

UV-C light kills microorganisms?

Select one:

}

—

© _ b. Inhibition of metabolic enzymes

a. Damage to DNA and RNA

c. Destruction of cell walls

d. Heating and denaturation of

proteins

© | e. Disruption of cell membranes

Question 12 Not yet answered

Marked out of 1.00 e Flag question

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

Select one:

e)

ed

a, The specific pathogen must be

isolated from diseased host and grown in

pure culture

~,

) b. None of these

© c. The pathogen must be present in all

cases of the disease

© | d. The pathogen from the pure culture

must cause the disease when inoculated

into a healthy, susceptible host

@© e. The pathogen must be re-isolated from the new host

isolated from the new host

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Which of the following is true about

bacteria?

Select one:

☒ a. They all produce spores for

reproduction

b. All bacteria are aerobes

c. None of these

d. They grow best at acidic pH

e. They have cell membrane and cell

wall

Question 14 Not yet answered

Marked out of 1.00 yp Flag question

The contributions of Robert Koch to the field of Microbiology and Medical Science include the following except

Select one:

☒ a. He proved the Germ Theory of

Disease

© _ b. He developed for the first time a staining technique to stain the bacteria

with acidic or basic stain

© c. He isolated and identified different

kinds of bacteria from various samples

@© _ d. Using dilute solution of

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--- Page 44 ---

11:34 BOS = 6 ull 2 ll 24% 8

question 19 Not yet answered

Marked out of 1.00 Pe Flag question

What is the primary reason anaerobic bacteria need special media for growth?

Select one:

© a. High oxygen content

b. Increased temperature

c. Low oxygen content and reduced

oxidation-reduction potential

d. High oxidation-reduction potential

e. Increased light exposure

Question 16 Not yet answered

Marked out of 1.00 p Flag question

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

Select one:

☒ a. Joseph Lister

☐ b. Louis Pasteur, and Robert Koch

☒ c. Louis Pasteur, Joseph Lister, and Robert Koch

☐ d. Joseph Lister, and Louis Pasteur

☐ e. Robert Koch, a ,oseph Lister

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--- Page 45 ---

11:34 BOS = Be all FI 24%8

Question 19 Not yet answered

Marked out of 1.00 vr Flag question

Fungi are both macroscopic and microscopic. The microscopic form is

Select one:

☒ a. Mushroom

☐ b. Hyphae

☐ c. Yeast

☐ d. Virus

☐ e. Mold

Question 20 Not yet answered

Marked out of 1.00 r Flag question

Antiseptic surgery method that prevented microorganisms from entering wounds was

developed by

Select one:

- a. Aristotle
- b. Robert Hook
- c. Joseph Lister
- d. Louis Pasteur
- e. Robert Koch

A

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11:46 BOO = 8 ull FI 22%8

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

Select one:

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

e. Rubber gloves

Question 6 Not yet answered

Marked out of 1.00 Pr Flag question

Which of the following is NOT a characteristic of transport media?

Select one:

☒ a. They are designed to prevent drying

(desiccation) of the specimen

☐ b. They may contain antibiotics and

glycerol for tissue culture specimens

c. They contain buffers and salts such as carbohydrates, peptones, and other

nutrients

☐ d. They inhibit the overgrowth of

unwanted bacteria

☐ e. They include growth factors to fA) enhance microbial growth

What is the primary purpose of transport

media in microbiology?

Select one:

☐ a. To preserve the specimen and

minimize bacterial overgrowth

☐ b. To provide nutrients for microbial

multiplication

☐ c. To increase the pathogenicity of the

specimen

☐ d. To enhance the growth of specific

microorganisms

© _ e. To sterilize the specimen for

laboratory analysis

Question 4 Not yet answered

Marked out of 1.00 r Flag question

The antibiotic penicillin is from

Select one:

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

- e. Virus

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11:46 BOD = Be all FI 22%8

Who proposed the Germ Theory of Disease?

Select one:

a. John Needham

b. Robert Hook

c. Lazzaro Spallanzani

d. Louis Pasteur

e. Robert Koch

Question 8 Not yet answered

Marked out of 1.00 ve Flag question

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

Select one:

☒ a. Heating and denaturation of

proteins

b. Disruption of cell membranes

c. Destruction of cell walls

d. Inhibition of metabolic enzymes

e. Damage to DNA and RNA

Question 9 Not yet answered

Marked out of 1.00 re Flag question

What is a characteristic of negative staining?

S

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--- Page 49 ---

11:46 BOO - Be all \$! 22%8

What Is a characteristic of negative staining?

Select one:

© a. It uses two different stains to

differentiate bacteria

b. It stains the bacterial or yeast

capsule black

c. It uses basic dyes such as methylene

blue or basic fuchsin

@ = d. It does not require making a smear

and stains the background

© _ e. It requires heat-fixing the bacterial smear

Question 10 Not yet answered

Marked out of 1.00 er Flag question

Abiogenesis means that

Select one:

- a, Life is a continuous process
- b. Reproduction is the only way to life
- c. All of these

d, Living things only come from other

living things through reproduction

nonliving matter 7

@__e. Living organisms could develop from ra)

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--- Page 50 ---

11:46 BOD = Be wil Full 22%8

Which of the following is a typical Gram-

positive bacterium?

Select one:

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

Question 12 Not yet answered

Marked out of 1.00 Pr Flag question

How transport media are generally

classified?

Select one:

@@ a. By their physical state and usefulness as bacterial or viral transport media.

b. By their expiration date and storage

conditions

© c. By their color and smell

© | d. By their ability to support viral
growth

© e. By the type of microorganisms they

can kill

za

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--- Page 51 ---

11:46 BOO - Be all FI 22%8

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

Select one:

@ a. The pathogen must not be re-

isolated from the new host

©) b. None of these

c. The specific pathogen must be
Isolated from diseased host and grown in

pure culture

© __ d. The pathogen from the pure culture
must cause the disease when Inoculated

Into a healthy, susceptible host

© _ e. The pathogen must be present in all

cases of the disease

Question 16 Not yet answered

Marked out of 1.00 p Flag question

Who invented the simple microscope?

Select one:

a. Aristote

b. Robert Koch

c. Spallanzani

d. Louis Pasteur

e. Anthony Van x nenhoek

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--- Page 52 ---

11:46 BOD = Be all \$I 22%8

What makes chocolate agar an enriched medium?

Select one:

O}

a, It contains heat-treated blood, giving

It a brown color

©

>

© c.Itincludes selective agents to Inhibit

b. It has a high salt concentration

unwanted bacteria

© d. \It contains glucose as a carbon

source

© — e. \t contains a pH indicator to

differentiate bacterial species

Question 18 Not yet answered

Marked out of 1.00 4 Flag question

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

Select one:

a. All of these

b. Louis Pasteur

c. Aristotle

d, John Tyndall

e. Francesco Ste'

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--- Page 53 ---

11:46 BOO - Be all FI 22%8

Which of the following is NOT a method of

physical sterilization?

Select one:

- a. Quaternary ammonium compounds
- b. Ionizing radiation
- c. Autoclaving
- d. Filtration
- e. Boiling

Question 14 Not yet answered

Marked out of 1.00 re 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, Francesco Stelluti died

© _ b. There were no more scientific

Investigations by Aristotle

© c. The simple microscope was

converted to compound microscope

d. Microscopic observation did not
provide enough information about the

colonial morphology of microorganisms vA)

“za

© e. The simple microscope seized to

function

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--- Page 54 ---

11:46 BOO « BS ul Full 22%8

negative bacterium?

Select one:

a, Streptococcus spp

b, Staphylococcus spp.

c. Clostridium spp.

d. Bacillus spp.

e. Helicobacter spp.

Question 20 Not yet answered

Marked out of 1.00 re Flag question

The contributions of Robert Koch to the field of Microbiology and Medical Science include the following except

Select one:

☒ a. He discovered that bacteria caused

tuberculosis in man

b. He isolated and identified different

kinds of bacteria from various samples

c. He developed for the first time a staining technique to stain the bacteria

with acidic or basic stain

d. Using dilute solution of

phenol/carbolic acid in surgical dressings

to prevent wound Infections A)

A

© e.Heprovedth. .m Theory of

Disease

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--- Page 55 ---

11:54 OBS = Oe ul Full 20%8

Select one:

~

© — a. Undefined medium cannot support

microbial growth

b. Defined medium has known

quantities of all Ingredients

© c. Undefined medium is only used for

eukaryotic cells

© | d. Defined medium contains complex

ingredients like yeast extract

© e. Defined medium is more expensive

than undefined medium

Question 6 Not yet answered

Marked out of 1.00 r Flag question

The contributions of Robert Koch to the field of Microbiology and Medical Science include the following except

Select one:

© _ a. He discovered that bacteria caused

tuberculosis in man

© | b. He isolated and identified different

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© _ c. He developed for the first time a staining technique to stain the bacteria with acidic or basic **3in A)

A

@© d.Usingdilutes .onof

phenol/carbolic acid in surgical dressings

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--- Page 56 ---

11:53 OB & = 88 ull Full 20%8

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

Select one:

@ =a. Anthony Van Leeuwenhoek

Gs)

b. Girolamo Fracastoro

c. None of these

d. Aristote

e. Louis Pasteur

Question 4 Not yet answered

Marked out of 1.00 yp Flag question

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

Select one:

☐ a. O

☐ a

☐ b. Chemical disinfection

☐ a, Ultraviolet (UV) light exposure

☐ c. Dry heat sterilization

☒ d. Moist heat sterilization

☐ e. Filtration

Question 5 Not yet answered

Marked out of 1.00 x Flag question

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11:54 BOS = 8 @ ull 2 ll 20%8

What makes chocolate agar an enriched

medium?

Select one:

a. It has a high salt concentration

b. It contains glucose as a carbon

source

c. It contains heat-treated blood, giving

it a brown color

© | d. It includes selective agents to Inhibit

unwanted bacteria

O

e. It contains a pH Indicator to

differentiate bacterial species

Question 10 Not yet answered

Marked out of 1.00 r 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

enhance visibility of structural details

☐ c. To bind with positively charged

cellular constituents.

☐ d. To stain the background black

☐ e. To differentiate between different

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11:53 OSS Be wl 8 ull 21% 8

----- is regarded as the Father of
"Bacteriology" and "Protozoology", because
of his contribution to the field of bacteria
and protozoa

Select one:

- ☒ a. None of these
- b. Aristotle
- c. Anthony Van Leeuwenhoek
- d. Louis Pasteur
- e. All of the above

Question 2 Not yet answered

Marked out of 1.00 p Flag question

The first drawing of microorganisms was
published in

Select one:

- a. Robert Koch Journal
- b. Robert Hook's Micrographia
- c. Basic Microbiology textbook

d. Microbiology magazine

e, Microbiology newsletter

Question 3 Not yet answered A)

Marked out of 1.00 py Flag question

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--- Page 59 ---

11:54 BOS = 8 8 w/ fl 20%8

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

Select one:

☒ a. Salmonella spp.

☐

b. Staphylococcus spp.

c. Neisseria spp.

d. Pseudomonas spp.

e, Escherichia coli

Question 8 Not yet answered

Marked out of 1.00 yr Flag question

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

Select one:

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

Question 9 Not yet answered

Marked out of 1.00 e Flag question

w~

What makes chocolate agar an enriched

- — —

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--- Page 60 ---

11:54 BOS = 8G ull 19 ll 20%8

Abiogenesis means that

Select one:

a, Living things only come from other

living things through reproduction

b. Reproduction is the only way to life

(@) c. Life is a continuous process

@@__ d. Living organisms could develop

from nonliving matter

© e. All of these

Question 12 Not yet answered

Marked out of 1.00 Pr Flag question

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

Select one:

@ a. The pores are not small enough to

filter out viruses

b. It cannot remove all bacteria

) c. It leaves toxic residues in the filtered

material

d. It is too slow for practical use

e. It requires high pressure to be

effective

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--- Page 61 ---

11:54 BOs Oe ull 9 ll 20%8

Which of the following is an advantage of
dry heat sterilization?

Select one:

© _ a, It is suitable for all types of materials

© _ b. It is faster than moist heat

sterilization

@© cc. | It is effective for sterilizing items that

might be damaged by moisture

© d. It can be used to sterilize culture

media

© e. It leaves no toxic residues

Question 14 Not yet answered

Marked out of 1.00 p Flag question

What is the primary reason anaerobic bacteria need special media for growth?

Select one:

@ a. Low oxygen content and reduced

oxidation-reduction potential

b. High oxidation-reduction potential

c. High oxygen content

d. Increased light exposure

e. Increased temperature

A a)

Muactinn 146

--- Page 62 ---

11:54 BOS = 88 ul 2 tl 20%8

What Is the primary mechanism by which

autoclave sterilizes equipment?

Select one:

- a. High-pressure steam
- b. Freezing
- c. Chemical reactions
- d. Desiccation

e. Radiation

Question 20 Not yet answered

Marked out of 1.00 yr Flag question

Which of the following is NOT a method of

physical sterilization?

Select one:

) a, Autoclaving

b, Ionizing radiation

c. Filtration

d. Bolling

e, Quaternary ammonium compounds

Finish attempt...

*K Quiz navigation

ICS] CamScanner

--- Page 63 ---

11:54 FOS = OG II Full 20%8

Bacteria are prokaryotes because

Select one:

a. They have cytoplasm

@© __b. They do not have true nucleus

enclosed in a cell membrane

c. They have true nucleus

d. They grow rapidly

e, They are very minute in size

Question 18 Not yet answered

Marked out of 1.00 Pr Flag question

Fungi are both macroscopic and microscopic. The microscopic form is

Select one:

- a. Hyphae
- b. Mold
- c. Mushroom
- d. Virus
- e. Yeast

Question 19 Not yet answered

Marked out of 1.00 x Flag question (A)

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--- Page 64 ---

11:54 BOS = 8 ul all 20%8

Which of the following is a typical Gram-

negative bacterium?

Select one:

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

Question 16 Not yet answered

Marked out of 1.00 Pr Flag question

Who proposed the Germ Theory of Disease?

Select one:

- a, Robert Koch
- b. Robert Hook
- c, Lazzaro Spallanzani
- d. John Needham
- e. Louis Pasteur

Question 17 Not yet answered

Marked out of 1.00 4 Flag question

Bacteria are prokaryotic because

Characteristics:

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--- Page 65 ---

11:34 OBS Bw w/ 2 II 25%8

Question 9 Not yet answered

Marked out of 1.00 Pr Flag question

Bacteria are prokaryotes because

Select one:

a. They have cytoplasm

b. They do not have true nucleus

enclosed in a cell membrane

© c. They are very minute in size

© d. They grow rapidly

e. They have true nucleus

Question 10 Not yet answered

Marked out of 1.00 Pr Flag question

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

Select one:

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

oS

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--- Page 66 ---

11:34 B&D = Bw wl 8 ll 25%8

Question 7 Not yet answered

Marked out of 1.00 yr Flag question

Which of the following is NOT a method of

physical sterilization?

Select one:

☒ a. Filtration

☐ b. Bolling

c. Quaternary ammonium compounds

d. Autoclaving

e. Ionizing radiation

Question 8 Not yet answered

Marked out of 1.00 yp Flag question

is regarded as the Father of

"Bacteriology" and "Protozoology", because

of his contribution to the field of bacteria

and protozoa

Select one:

a. None of these

- b. Aristotle
- c. Anthony Van Leeuwenhoek

d. Louis Pasteur

e. All of the above

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--- Page 67 ---

11:34 BOS = Beullol 24%8

Question 17 Not yet answered

Marked out of 1.00 4 Flag question

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

Select one:

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

e. *Pseudomonas* spp.

Question 18 Not yet answered

Marked out of 1,00 p Flag question

What is the primary purpose of transport media in microbiology?

Select one:

☒ a. To enhance the growth of specific

microorganisms

☐ b. To preserve the specimen and

minimize bacterial overgrowth

☐ c. To provide nutrients for microbial

multiplication

☐ d. To increase the pathogenicity of the

c

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--- Page 68 ---

11:34 B&O = Be wil 3 il 25%8

microscopy?

Select one:

☐ a, Tostain the slide background black

☐ b.To bind with positively charged

cellular constituents.

☐ c.To Increase the magnification of the

light microscope

☐ d.To differentiate between different

types of viruses

☐ e. To create color contrast and

enhance visibility of structural details

Question 6 Not yet answered

Marked out of 1.00 er Flag question

How transport media are generally
classified?

Select one:

☐ a. By the type of microorganisms they

can kill

☐ b. By their color and smell

☐ c. By their expiration date and storage

conditions

☐ d. By their ability to support viral

growth

☐ e. By their physic. state and

treafiilmarce ac hactarial ne wirsal teanenort

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--- Page 69 ---

11:46 004 = 8 ll ul 22%8

Which of the following is not true about viruses?

Select one:

☒ a. They can mutate

☐ b. They can reproduce, but only in living host cells

☐ c. They are much smaller than prokaryotes

☐ d. They carry out metabolism on their own

☐ e. They exist in the extracellular and intracellular phase

Question 2 Not yet answered

Marked out of 1.00 p Flag question

----- is regarded as the Father of "Bacteriology" and "Protozoology", because of his contribution to the field of bacteria

and protozoa

Select one:

fe)

a. Louls Pasteur

© | b. None of these

@ __c. Anthony Van Leeuwenhoek

© | d.Aristole A)

) e. All ofthe above

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