VU Medical Zone

BT 102 Quiz No 1 Fall 2021

BT102 - Microbiology (Quiz # 1) Quiz Start Time: 10:20 PM, 21 December 2021

Question # 1 of 10 (Start time: 10:20:28 PM, 21 December 2021) Total Marks: 1

Which of the following is relevant to respiration of glucose?

Select the correct option

- Glycolysis
- The Krebs cycle
- Electron transport chain
- All of the given options

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com



BT102 - Microbiology (Quiz # 1) Quiz Start Time: 10:20 PM, 21 December 2021

Question # 2 of 10 (Start time: 10:21:21 PM, 21 December 2021) Total Marks: 1

Facilitated diffusion is done with the help of .....

Select the correct option

- High salt concentration
- None of the given options
- Integral Proteins

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

- Low salt concentration



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BT102 - Microbiology (Quiz # 1) Quiz Start Time: 10:20 PM, 21 December 2021

Question # 3 of 10 (Start time: 10:21:59 PM, 21 December 2021) **Total Marks:** 1

Which of the following is used for catalase test?

Select the correct option

- ○ None of the given options
- ○ Carbon peroxide
- ◉ Hydrogen peroxide

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

- ○ Nitrogen peroxide



sec(s)

BT102 - Microbiology (Quiz # 1) Quiz Start Time: 10:20 PM, 21 December 2021

Question # 4 of 10 (Start time: 10:22:19 PM, 21 December 2021) **Total Marks:** 1

The ____ contains hydrolytic enzymes and binding proteins for nutrient processing and uptake.

Select the correct option

Reload Math Equations

- ◉ Periplasmic space

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

- ○ Cell wall
- ○ Capsule
- ○ Cell membrane

Click to Save Answer & Move to Next Question



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BT102 - Microbiology (Quiz # 1) Quiz Start Time: 10:20 PM, 21 December 2021

Question # 5 of 10 (Start time: 10:22:46 PM, 21 December 2021) Total Marks: 1

Which of the following is the physical source of growth?

Select the correct option

- (●) All of the given options
- ( ) Osmotic Pressure
- ( ) Temperature
- ( ) pH

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com



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BT102 - Microbiology (Quiz # 1) Quiz Start Time: 10:20 PM, 21 December 2021

Question # 6 of 10 (Start time: 10:23:04 PM, 21 December 2021) Total Marks: 1

Which of the following is used for attachment?

Select the correct option

Reload Math Equations

- (●) Both fimbrae & pili
- ( ) Capsule
- ( ) Pili
- ( ) Fimbrae

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

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BT102 - Microbiology (Quiz # 1) Quiz Start Time: 10:20 PM, 21 December 2021

Question # 7 of 10 (Start time: 10:23:36 PM, 21 December 2021) Total Marks: 1

The ____ use light as a source of energy and organic compounds as carbon source.

Select the correct option

Reload Math Equations

- Photoheterotrophs
- Chemoheterotrophs
- Photoautotrophs

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

- Chemoautotrophs

Click to Save Answer & Move to Next Question



BT102 - Microbiology (Quiz # 1) Quiz Start Time: 10:20 PM, 21 December 2021

Question # 8 of 10 (Start time: 10:24:10 PM, 21 December 2021) Total Marks: 1

_____ are used for twitching motility.

Select the correct option

- Pili

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

- Pili and flagella
- Fimbriae
- Flagella



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BT102 - Microbiology (Quiz # 1) Quiz Start Time: 10:20 PM, 21 December 2021

Question # 9 of 10 (Start time: 10:24:39 PM, 21 December 2021) Total Marks: 1

The function of cell membrane is____:

Select the correct option

Reload Math Equations

- (●) All of these
- ( ) Passive and active transport
- ( ) Selective permeable barrier
- ( ) Respiration

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



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BT102 - Microbiology (Quiz # 1) Quiz Start Time: 10:20 PM, 21 December 2021

Question # 10 of 10 (Start time: 10:25:06 PM, 21 December 2021) Total Marks: 1

A resistant dormant structure within a cell is called____.

Select the correct option

Reload Math Equations

- ( ) Vacuole
- (●) Endospore
- ( ) Pili
- ( ) Capsule

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



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BT102 - Microbiology (Quiz # 1) **Quiz Start Time: 10:28 PM, 21 December 2021**

Question # 1 of 10 (Start time: 10:28:19 PM, 21 December 2021) **Total Marks:** 1

Hair like small appendages on G-neg. cells are known as .....

Select the correct option

Reload Math Equations

- (●) Fimbrae

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

- ( ) Flagella
- ( ) Pili
- ( ) Glucocalyx

Click to Save Answer & Move to Next Question



BT102 - Microbiology (Quiz # 1) **Quiz Start Time: 10:28 PM, 21 December 2021**

Question # 2 of 10 (Start time: 10:28:47 PM, 21 December 2021) **Total Marks:** 1

Which of the following is used to maintain the desired pH?

Select the correct option

- (●) Buffers

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

- ( ) None of the given options
- ( ) Carbohydrates
- ( ) Enzymes



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BT102 - Microbiology (Quiz # 1) Quiz Start Time: 10:28 PM, 21 December 2021

Question # 3 of 10 (Start time: 10:29:05 PM, 21 December 2021) **Total Marks:** 1

Half the dry weight of microbes is _____.

Select the correct option

- Calcium
- Oxygen
- Carbon — **Answer solved by Amaan Khan**
  Contact: 0305-4716616
  Email: maniamaan2@gmail.com
- Nitrogen



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BT102 - Microbiology (Quiz # 1) Quiz Start Time: 10:28 PM, 21 December 2021

Question # 4 of 10 (Start time: 10:29:45 PM, 21 December 2021) **Total Marks:** 1

Lipid A is responsible for .....

Select the correct option

Reload Math Equations

- Fever
- Vasodilation & shock
- All of the given options — **Answer solved by Amaan Khan**
  Contact: 0305-4716616
  Email: maniamaan2@gmail.com
- Endotoxin

Click to Save Answer & Move to Next Question



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BT102 - Microbiology (Quiz # 1) Quiz Start Time: 10:28 PM, 21 December 2021

Question # 5 of 10 (Start time: 10:30:12 PM, 21 December 2021) **Total Marks:** 1

Bacteria get nitrogen from_____.

Select the correct option

- Proteins
- All of the given options

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

- Nitrates
- NH4+ ions



sec(s)

BT102 - Microbiology (Quiz # 1) Quiz Start Time: 10:28 PM, 21 December 2021

Question # 6 of 10 (Start time: 10:31:05 PM, 21 December 2021) **Total Marks:** 1

Which of the following is responsible for destruction of cell membrane?

Select the correct option

Reload Math Equations

- Polymixins
- All of the given options

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

- Alcohol
- Quaternary ammonium compounds

Click to Save Answer & Move to Next Question



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BT102 - Microbiology (Quiz # 1) Quiz Start Time: 10:28 PM, 21 December 2021

Question # 7 of 10 (Start time: 10:31:25 PM, 21 December 2021) **Total Marks:** 1

Specialized resting cells are known as .....

Select the correct option

- ○ None of the given options
- ○ Endotoxin
- ○ Endoplasmia
- ◉ Endospores

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com



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BT102 - Microbiology (Quiz # 1) Quiz Start Time: 10:28 PM, 21 December 2021

Question # 8 of 10 (Start time: 10:31:51 PM, 21 December 2021) **Total Marks:** 1

Which of the following staining technique is used for Mycobacterium species?

Select the correct option

Reload Math Equations

- ◉ GIEMSA Staining
- ○ None of the given options
- ○ Gram Staining
- ○ Flagella Staining

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



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BT102 - Microbiology (Quiz # 1) Quiz Start Time: 10:28 PM, 21 December 2021

Question # 9 of 10 (Start time: 10:32:31 PM, 21 December 2021) **Total Marks:** 1

All organic compounds contain _____.

Select the correct option

- Nitrogen
- Carbon
- Calcium
- Oxygen

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com



BT102 - Microbiology (Quiz # 1) Quiz Start Time: 10:28 PM, 21 December 2021

Question # 10 of 10 (Start time: 10:32:53 PM, 21 December 2021) **Total Marks:** 1

NADH and FADH2 during Kreb's cycle oxidized via Electron transport chain and generate _____ ATP molecules

Select the correct option

- 40
- 38
- 42
- 34

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com



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BT102 - Microbiology (Quiz # 1) Quiz Start Time: 10:34 PM, 21 December 2021

Question # 1 of 10 (Start time: 10:34:07 PM, 21 December 2021) Total Marks: 1

Oxygen is toxic for _____.

Select the correct option

- Facultative Anaerobes
- Microaerophiles

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

- Obligate Aerobes
- Obligate Anaerobes



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BT102 - Microbiology (Quiz # 1) Quiz Start Time: 10:34 PM, 21 December 2021

Question # 2 of 10 (Start time: 10:35:28 PM, 21 December 2021) Total Marks: 1

In Eukaryotes, the cell wall is made up of___:

Select the correct option

Reload Math Equations

- Both cellulose and chitin

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

- Chitin
- Peptidoglycan
- Cellulose

Click to Save Answer & Move to Next Question



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BT102 - Microbiology (Quiz # 1) Quiz Start Time: 10:34 PM, 21 December 2021

Question # 3 of 10 (Start time: 10:35:47 PM, 21 December 2021) Total Marks: 1

Photoautotrophs use ..... as a source of energy.

Select the correct option

- All of the given options
- Carbon
- Light

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

- Nitrogen



BT102 - Microbiology (Quiz # 1) Quiz Start Time: 10:34 PM, 21 December 2021

Question # 4 of 10 (Start time: 10:36:10 PM, 21 December 2021) Total Marks: 1

Extrachromosomal DNA is known as .....

Select the correct option

- Transposon
- Plasmid

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

- Bacteriophage
- All of the given options



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BT102 - Microbiology (Quiz # 1) Quiz Start Time: 10:34 PM, 21 December 2021

Question # 5 of 10 (Start time: 10:36:38 PM, 21 December 2021) Total Marks: 1

Which of the following is not a part of the flagella?

Select the correct option

Reload Math Equations

- Hook
- None of the given options
- Basal Body
- Filament

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



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BT102 - Microbiology (Quiz # 1) Quiz Start Time: 10:34 PM, 21 December 2021

Question # 6 of 10 (Start time: 10:37:16 PM, 21 December 2021) Total Marks: 1

Nitrogen and Phosphorus is required for the synthesis of___.

Select the correct option

Reload Math Equations

- DNA
- None of them
- Both of them
- RNA

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



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BT102 - Microbiology (Quiz # 1) Quiz Start Time: 10:34 PM, 21 December 2021

Question # 7 of 10 (Start time: 10:37:46 PM, 21 December 2021) **Total Marks:** 1

Which of the following bacteria form endospore?

Select the correct option

Reload Math Equations

- ○ Clostridium
- ○ Bacillus
- ● All of them

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

- ○ Coxialla burnetii

Click to Save Answer & Move to Next Question



BT102 - Microbiology (Quiz # 1) Quiz Start Time: 10:34 PM, 21 December 2021

Question # 8 of 10 (Start time: 10:38:34 PM, 21 December 2021) **Total Marks:** 1

Which of the following initiate the spore activation?

Select the correct option

- ○ None of the given options
- ● Heating

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

- ○ Proteins
- ○ Radiations



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BT102 - Microbiology (Quiz # 1) Quiz Start Time: 10:34 PM, 21 December 2021

Question # 9 of 10 (Start time: 10:39:01 PM, 21 December 2021) Total Marks: 1

A resistant dormant structure within a cell is called____.

Select the correct option

Reload Math Equations

- Pili
- Endospore

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

- Capsule
- Vacuole

Click to Save Answer & Move to Next Question



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BT102 - Microbiology (Quiz # 1) Quiz Start Time: 10:34 PM, 21 December 2021

Question # 10 of 10 (Start time: 10:39:20 PM, 21 December 2021) Total Marks: 1

Teichoic acid is made up of .....

Select the correct option

Reload Math Equations

- All of the given options

Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

- Ribitol
- Phosphate
- Glycerol

Click to Save Answer & Move to Next Question



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