

VU Medical Zone

BT 603 Midterm Quiz Fall 2022

BT603 - Fermentation Technology (Quiz No. 1)

Quiz Start Time: 12:01 AM, 07 December 2022

Question # 1 of 10 (Start time: 12:01:08 AM, 07 December 2022)

Total Marks: 1

Can Fermentation be named on the basis on the organisms nomenclature?

Select the correct option

☐	May be
☐	Never
☒	No
☐	Yes

Answers Solved By Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

BT603 - Fermentation Technology (Quiz No. 1)

Quiz Start Time: 12:01 AM, 07 December 2022

Question # 2 of 10 (Start time: 12:03:28 AM, 07 December 2022)

Total Marks: 1

On the basis of state or mixing fermentation can be divided into how many classes?

Select the correct option

☐	4
☐	5
☐	2
☒	3

Answers Solved By Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

EFFORT BY AMAAN KHAN

VU Medical Zone

BT503 - Fermentation Technology (Quiz No. 1)

Quiz Start Time: 12:01 AM, 07 December 2022

Question # 3 of 10 (Start time: 12:03:55 AM, 07 December 2022)

Total Marks: 1

In the course of the entire fermentation, nothing is added except _____ (in the form of air, if the process is aerobic), an antifoam agent, and acid or base to control the pH.

Select the correct option

- ☐ Co
- ☐ C
- ☐ N
- ☒ oxygen

Answers Solved By Amaan Khan

Contact: 0305-4716616

Email: maniamaan2@gmail.com

BT503 - Fermentation Technology (Quiz No. 1)

Quiz Start Time: 12:01 AM, 07 December 2022

Question # 4 of 10 (Start time: 12:04:06 AM, 07 December 2022)

Total Marks: 1

Stirred Fermentation involves proper mixing during the process of fermentation which is done by _____

Select the correct option

- ☒ agitator
- ☐ probe
- ☐ stick
- ☐ rod

Answers Solved By Amaan Khan

Contact: 0305-4716616

Email: maniamaan2@gmail.com

EFFORT BY AMAAN KHAN

VU Medical Zone

BT603 - Fermentation Technology (Quiz No. 1)

Quiz Start Time: 12:01 AM, 07 December 2022

Question # 5 of 10 (Start time: 12:04:20 AM, 07 December 2022)

Total Marks: 1

_____ are those which remain within the cell and are responsible of catalyzing all those processes need in cells.

Select the correct option

☐ Isinglass

☒ Intracellular enzymes

☐ Kappa carrageenan

☐ Irish moss

Answers Solved By Amaan Khan
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Email: maniamaan2@gmail.com

Type here to search

BT603 - Fermentation Technology (Quiz No. 1)

Quiz Start Time: 12:01 AM, 07 December 2022

Question # 6 of 10 (Start time: 12:05:35 AM, 07 December 2022)

Total Marks: 1

Which of the following is used to produce large volume inexpensive products?

Select the correct option

☐ Reducing Media

☐ Defined Media

☒ Crude Media

☐ Selective Media

Answers Solved By Amaan Khan
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BT603 - Fermentation Technology (Quiz No. 1)

Quiz Start Time: 12:01 AM, 07 December 2022

Question # 7 of 10 (Start time: 12:05:50 AM, 07 December 2022)

Total Marks: 1

Which of the following is used as nitrogen source in fermentation medium?

Select the correct option

- ☐ Glucose
- ☐ Sucrose
- ☐ Starch
- ☒ Corn steep liquor

Answers Solved By Amaan Khan

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Email: maniamaan2@gmail.com

BT603 - Fermentation Technology (Quiz No. 1)

Quiz Start Time: 12:01 AM, 07 December 2022

Question # 8 of 10 (Start time: 12:08:07 AM, 07 December 2022)

Total Marks: 1

Historically, _____ complex natural materials have been used in fermentation processes because they are much cheaper than pure substrates.

Select the correct option

- ☐ Crowded plate technique
- ☐ Auxanographic technique
- ☒ undefined
- ☐ defined

Answers Solved By Amaan Khan

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Email: maniamaan2@gmail.com

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BT603 - Fermentation Technology (Quiz No. 1)

Quiz Start Time: 12:01 AM, 07 December 2022

Question # 9 of 10 (Start time: 12:06:27 AM, 07 December 2022)

Total Marks: 1

A medium with a high viscosity will also need a _____ power input for effective stirring.

Select the correct option

☐	lower
☐	constant
☒	higher
☐	medium

Answers Solved By Amaan Khan
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Windows taskbar showing search bar, task view, and various application icons. System tray shows 15°C, Smoke, and time 12:08 AM, 12/7/2022.

BT603 - Fermentation Technology (Quiz No. 1)

Quiz Start Time: 12:01 AM, 07 December 2022

Question # 10 of 10 (Start time: 12:06:55 AM, 07 December 2022)

Total Marks: 1

Batch fermentation is _____ system.

Select the correct option

☒	closed
☐	semi closed
☐	semi open
☐	open

Answers Solved By Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

Windows taskbar showing search bar, task view, and various application icons. System tray shows 15°C, Smoke, and time 12:08 AM, 12/7/2022.

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BT603 – Fermentation Technology (Quiz No. 1)

Quiz Start Time: 11:54 PM, 06 December 2022

Question # 1 of 10 (Start time: 11:54:19 PM, 06 December 2022)

Total Marks: 1

Which one of the following is used for selective and differential isolation of amylase producing microorganisms?

Select the correct option

☐ Bismuth sulfite

☐ Sabouraud's dextrose

☒ Starch

☐ Maltose

Answers Solved By Amaan Khan
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BT603 – Fermentation Technology (Quiz No. 1)

Quiz Start Time: 11:54 PM, 06 December 2022

Question # 2 of 10 (Start time: 11:55:27 PM, 06 December 2022)

Total Marks: 1

Stirred Fermentation involves proper mixing during the process of fermentation which is done by _____

Select the correct option

☐ rod

☐ stick

☒ agitator

☐ probe

Answers Solved By Amaan Khan
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BT603 - Fermentation Technology (Quiz No. 1)

Quiz Start Time: 11:54 PM, 06 December 2022

Question # 3 of 10 (Start time: 11:56:08 PM, 06 December 2022)

Total Marks: 1

The problem of developing a process from the laboratory to the pilot scale, and subsequently to the industrial scale, must also be considered for selecting a suitable _____.

Select the correct option

☐ addition experiment

☐ food

☐ microorganism

☒ medium

Answers Solved By Amaan Khan

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BT603 - Fermentation Technology (Quiz No. 1)

Quiz Start Time: 11:54 PM, 06 December 2022

Question # 4 of 10 (Start time: 11:56:23 PM, 06 December 2022)

Total Marks: 1

Historically, _____ complex natural materials have been used in fermentation processes because they are much cheaper than pure substrates.

Select the correct option

☐ defined

☐ Auxanographic technique

☐ Crowded plate technique

☒ undefined

Answers Solved By Amaan Khan

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BT603 - Fermentation Technology (Quiz No. 1)

Quiz Start Time: 11:54 PM, 06 December 2022

Question # 5 of 10 (Start time: 11:57:09 PM, 06 December 2022)

Total Marks: 1

_____ media are designed to suppress the growth of unwanted bacteria and encourage the growth of the desired microbes.

Select the correct option

☐ bacterial

☐ differential

☐ mixed

☒ Selective

Answers Solved By Amaan Khan

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BT603 - Fermentation Technology (Quiz No. 1)

Quiz Start Time: 11:54 PM, 06 December 2022

Question # 6 of 10 (Start time: 11:57:43 PM, 06 December 2022)

Total Marks: 1

The main fermentation product in Pre-1900 is _____.

Select the correct option

☒ Vinegar

☐ Heterologous protein

☐ Bakers yeast

☐ Citric acid

Answers Solved By Amaan Khan

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Email: maniamaan2@gmail.com

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BT603 - Fermentation Technology (Quiz No. 1)

Quiz Start Time: 11:54 PM, 06 December 2022

Question # 7 of 10 (Start time: 11:58:07 PM, 06 December 2022)

Total Marks: 1

How many types are fermentation are there on the basis of product?

Select the correct option

☒	4	Answers Solved By Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	6	
☐	7	
☐	5	

BT603 - Fermentation Technology (Quiz No. 1)

Quiz Start Time: 11:54 PM, 06 December 2022

Question # 8 of 10 (Start time: 11:58:48 PM, 06 December 2022)

Total Marks: 1

processing of materials that remained after fermentation process called?

Select the correct option

☐	Dumping	Answers Solved By Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☒	Effluent treatment	
☐	waste treatment	
☐	Flushing out	

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BT603 - Fermentation Technology (Quiz No. 1)

Quiz Start Time: 11:54 PM, 06 December 2022

Question # 9 of 10 (Start time: 11:59:18 PM, 06 December 2022)

Total Marks: 1

Fermentation medium Can Be a Significant Proportion of
Total Product -----

Select the correct option

☐	nature
☒	Cost
☐	design
☐	shape

Answers Solved By Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

BT603 - Fermentation Technology (Quiz No. 1)

Quiz Start Time: 11:54 PM, 06 December 2022

Question # 10 of 10 (Start time: 11:59:43 PM, 06 December 2022)

Total Marks: 1

Which of the following is used to produce large volume inexpensive products?

Select the correct option

☐	Selective Media
☒	Crude Media
☐	Defined Media
☐	Reducing Media

Answers Solved By Amaan Khan
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VU Medical Zone

BT603 - Fermentation Technology (Quiz No. 1)

Quiz Start Time: 04:01 PM, 06 December 2022

Question # 2 of 10 (Start time: 11:48:08 PM, 06 December 2022)

Total Marks: 1

In the course of the entire fermentation, nothing is added except _____ (in the form of air, if the process is aerobic), an antifoam agent, and acid or base to control the pH.

Select the correct option

☐ N

☐ C

☒ oxygen

☐ Co

Answers Solved By Amaan Khan
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Type here to search

BT603 - Fermentation Technology (Quiz No. 1)

Quiz Start Time: 04:01 PM, 06 December 2022

Question # 3 of 10 (Start time: 11:48:58 PM, 06 December 2022)

Total Marks: 1

Historically, _____ complex natural materials have been used in fermentation processes because they are much cheaper than pure substrates.

Select the correct option

☐ Auxanographic technique

☐ Crowded plate technique

☐ defined

☒ undefined

Answers Solved By Amaan Khan
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BT603 - Fermentation Technology (Quiz No. 1)

Quiz Start Time: 04:01 PM, 06 December 2022

Question # 4 of 10 (Start time: 11:49:35 PM, 06 December 2022)

Total Marks: 1

Batch fermentation is _____ system

Select the correct option

☐ semi closed

☐ semi open

☒ closed

☐ open

Answers Solved By Amaan Khan
Contact: 0305-4716616
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BT603 - Fermentation Technology (Quiz No. 1)

Quiz Start Time: 04:01 PM, 06 December 2022

Question # 5 of 10 (Start time: 11:50:30 PM, 06 December 2022)

Total Marks: 1

Which one of the following is used for selective and differential isolation of amylase producing microorganisms?

Select the correct option

☒ Starch

☐ Sabouraud's dextrose

☐ Bismuth sulfite

☐ Maltose

Answers Solved By Amaan Khan
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BT603 - Fermentation Technology (Quiz No. 1)

Quiz Start Time: 04:01 PM, 06 December 2022

Question # 6 of 10 (Start time: 11:51:02 PM, 06 December 2022)

Total Marks: 1

Which of the following is used to produce large volume inexpensive products?

Select the correct option

☐	Defined Media
☒	Crude Media
☐	Selective Media
☐	Reducing Media

Answers Solved By Amaan Khan
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Email: maniamaan2@gmail.com

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BT603 - Fermentation Technology (Quiz No. 1)

Quiz Start Time: 04:01 PM, 06 December 2022

Question # 7 of 10 (Start time: 11:51:28 PM, 06 December 2022)

Total Marks: 1

Typically, continuous fermentations are started as _____ cultures and feeding begins after the microbial population has reached a certain concentration.

Select the correct option

☐	fed- batch
☐	semi continuous
☐	continuous
☒	batch

Answers Solved By Amaan Khan
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BT603 - Fermentation Technology (Quiz No. 1)

Quiz Start Time: 04:01 PM, 06 December 2022

Question # 8 of 10 (Start time: 11:52:01 PM, 06 December 2022)

Total Marks: 1

The concentration of P is deliberately raised in many media to increase the _____ during fermentation.

Select the correct option

- ☐ buffering
- ☒ buffering capacity
- ☐ buffering charge
- ☐ buffering limit

Answers Solved By Amaan Khan
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Windows taskbar showing search bar, taskbar icons, and system tray with date/time (11:53 PM, 12/6/2022).

BT603 - Fermentation Technology (Quiz No. 1)

Quiz Start Time: 04:01 PM, 06 December 2022

Question # 9 of 10 (Start time: 11:52:34 PM, 06 December 2022)

Total Marks: 1

_____ type of fermentation involves proper mixing during the process of fermentation which is done by Agitator/ Impeller.

Select the correct option

- ☐ Batch Fermentation
- ☒ Stirred Fermentation
- ☐ continuous Fermentation
- ☐ Fed-batch Fermentation

Answers Solved By Amaan Khan
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Email: maniamaan2@gmail.com

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BT603 - Fermentation Technology (Quiz No. 1)

Quiz Start Time: 04:01 PM, 06 December 2022

Question # 10 of 10 (Start time: 11:53:04 PM, 06 December 2022)

Total Marks: 1

The problem of developing a process from the laboratory to the pilot scale, and subsequently to the industrial scale, must also be considered for selecting a suitable _____.

Select the correct option

☐	food
☐	addition experiment
☒	medium
☐	microorganism

Answers Solved By Amaan Khan
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VU Medical Zone

BT603 - Fermentation Technology (Quiz No. 2)

Quiz Start Time: 10:30 PM, 29 December 2022

Question # 1 of 10 (Start time: 10:30:31 PM, 29 December 2022)

Total Marks: 1

Ideally, in any fermentation process, the _____ working capacity of a vessel should be used.

Select the correct option

☐ medium

☐ half

☒ maximum

☐ minimum

Answers Solved By Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

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BT603 - Fermentation Technology (Quiz No. 2)

Quiz Start Time: 10:30 PM, 29 December 2022

Question # 2 of 10 (Start time: 10:31:19 PM, 29 December 2022)

Total Marks: 1

It has been shown in many studies that antibiotic production by many micro-organisms is influenced by the type and concentration of the _____ source in the culture medium.

Select the correct option

☒ nitrogen

☐ oxygen

☐ hydrogen

☐ carbon

Answers Solved By Amaan Khan
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Type here to search

BT603 - Fermentation Technology (Quiz No. 2)

Quiz Start Time: 10:30 PM, 29 December 2022

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VU Medical Zone

BT603 - Fermentation Technology (Quiz No. 2)

Quiz Start Time: 10:30 PM, 29 December 2022

Question # 3 of 10 (Start time: 10:31:33 PM, 29 December 2022)

Total Marks: 1

Some proteinaceous nitrogen compounds serving as sources of amino acids include corn-steep liquor, soya meal, peanut meal, _____

Select the correct option

☒	cotton-seed meal	Answers Solved By Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	oxygen	
☐	carbon	
☐	hydrogen	

BT603 - Fermentation Technology (Quiz No. 2) Quiz Start Time: 10:30 PM, 29 December 2022

Question # 4 of 10 (Start time: 10:31:45 PM, 29 December 2022)

Total Marks: 1

On a weight basis n-alkanes have approximately _____ the carbon and three times the energy content of the same weight of sugar.

Select the correct option

☐	five times	Answers Solved By Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☒	twice	
☐	thrice	
☐	four	

BT603 - Fermentation Technology (Quiz No. 2) Quiz Start Time: 10:30 PM, 29 December 2022

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BT603 – Fermentation Technology (Quiz No. 2)

Quiz Start Time: 10:30 PM, 29 December 2022

Question # 5 of 10 (Start time: 10:31:58 PM, 29 December 2022)

Total Marks: 1

The use of complex _____ sources for antibiotic production has been common practice.

Select the correct option

☐	carbohydrates
☐	salt
☒	nitrogen
☐	sugar

Answers Solved By Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

BT603 – Fermentation Technology (Quiz No. 2)

Quiz Start Time: 10:30 PM, 29 December 2022

Question # 6 of 10 (Start time: 10:32:14 PM, 29 December 2022)

Total Marks: 1

Most industrially used micro-organisms can utilize inorganic or organic sources of _____

Select the correct option

☐	helium
☒	nitrogen
☐	hydrogen
☐	oxygen

Answers Solved By Amaan Khan
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Email: maniamaan2@gmail.com

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VU Medical Zone

BT603 – Fermentation Technology (Quiz No. 2)

Quiz Start Time: 10:30 PM, 29 December 2022

Question # 7 of 10 (Start time: 10:32:50 PM, 29 December 2022)

Total Marks: 1

There are some advantages and disadvantages of hydrocarbons and their derivatives as fermentation substrates, particularly with reference to _____ process aspects and purity.

Select the correct option

☐	media
☐	air
☐	system
☒	cost

Answers Solved By Amaan Khan

Contact: 0305-4716616

Email: maniamaan2@gmail.com

BT603 – Fermentation Technology (Quiz No. 2)

Quiz Start Time: 10:30 PM, 29 December 2022

Question # 8 of 10 (Start time: 10:33:03 PM, 29 December 2022)

Total Marks: 1

Gaunt et al. (1984) demonstrated that when the medium of Mandels and Weber (1969) was autoclaved, a _____ precipitate of metal ions formed, containing all the iron and most of the calcium, manganese and zinc present in the medium.

Select the correct option

☒	white
☐	pink
☐	red
☐	black

Answers Solved By Amaan Khan

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VU Medical Zone

BT503 - Fermentation Technology (Quiz No. 2)

Quiz Start Time: 10:30 PM, 29 December 2022

Question # 9 of 10 (Start time: 10:33:18 PM, 29 December 2022)

Total Marks: 1

The concentration of _____ in a medium, particularly laboratory media in shake flasks, is often much higher than that of other mineral components.

Select the correct option

- ☐ phytase
- ☐ protease
- ☐ polypeptide
- ☒ phosphata

Answers Solved By Amaan Khan

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BT503 - Fermentation Technology (Quiz No. 2)

Quiz Start Time: 10:30 PM, 29 December 2022

Question # 10 of 10 (Start time: 10:33:47 PM, 29 December 2022)

Total Marks: 1

It is common practice to use _____ as the carbon source in microbial fermentation processes.

Select the correct option

- ☐ hydrogen
- ☐ nitrogen
- ☒ carbohydrates
- ☐ oxygen

Answers Solved By Amaan Khan

Contact: 0305-4716616

Email: maniamaan2@gmail.com

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BT603 - Fermentation Technology (Quiz No. 2)

Quiz Start Time: 10:04 PM, 29 December 2022

Question # 1 of 10 (Start time: 10:04:02 PM, 29 December 2022)

Total Marks: 1

The main product of a fermentation process will often determine the choice of _____ source, particularly if the product results from the direct dissimilation of it.

Select the correct option

☐	hydrogen
☒	carbon
☐	oxygen
☐	nitrogen

Answers Solved By Amaan Khan
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Type here to search

BT603 - Fermentation Technology (Quiz No. 2)

Quiz Start Time: 10:04 PM, 29 December 2022

Question # 2 of 10 (Start time: 10:04:44 PM, 29 December 2022)

Total Marks: 1

_____ et al., (1984) discussed factors favouring the use of oils instead of carbohydrates.

Select the correct option

☐	bush
☐	jack
☒	Bader
☐	jill

Answers Solved By Amaan Khan
Contact: 0305-4716616
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BT603 - Fermentation Technology (Quiz No. 2)

Quiz Start Time: 10:04 PM, 29 December 2022

Question # 3 of 10 (Start time: 10:05:09 PM, 29 December 2022)

Total Marks: 1

In griseofulvin production, adequate available chloride is provided by the inclusion of at least 0.1% _____ as well as the chloride provided by the complex organic materials included as nitrogen sources.

Select the correct option

☐	N
☒	KCl
☐	Complex media
☐	C

Answers Solved By Amaan Khan
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BT603 - Fermentation Technology (Quiz No. 2)

Quiz Start Time: 10:04 PM, 29 December 2022

Question # 4 of 10 (Start time: 10:05:39 PM, 29 December 2022)

Total Marks: 1

Control mechanisms exist by which nitrate reductase, an enzyme involved in the conversion of nitrate to ammonium ion, is repressed in the presence of _____

Select the correct option

☐	Lactobacillus
☒	ammonia
☐	environmental nitrogen
☐	soya bean

Answers Solved By Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

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BT603 - Fermentation Technology (Quiz No. 2)

Quiz Start Time: 10:04 PM, 29 December 2022

Question # 5 of 10 (Start time: 10:06:16 PM, 29 December 2022)

Total Marks: 1

When the ammonium ion has been exhausted during fermentation, there is an alkaline drift as the _____ is used as an alternative nitrogen source.

Select the correct option

☐	ethanol
☐	HCL
☒	nitrate
☐	citric acid

Answers Solved By Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

BT603 - Fermentation Technology (Quiz No. 2)

Quiz Start Time: 10:04 PM, 29 December 2022

Question # 6 of 10 (Start time: 10:06:52 PM, 29 December 2022)

Total Marks: 1

It has been shown in many studies that antibiotic production by many micro-organisms is influenced by the type and concentration of the _____ source in the culture medium.

Select the correct option

☐	carbon
☐	hydrogen
☐	oxygen
☒	nitrogen

Answers Solved By Amaan Khan
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Email: maniamaan2@gmail.com

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BT603 - Fermentation Technology (Quiz No. 2)

Quiz Start Time: 10:04 PM, 29 December 2022

Question # 7 of 10 (Start time: 10:07:37 PM, 29 December 2022)

Total Marks: 1

A typical oil contains approximately _____ times the energy of glucose on a per weight basis.

Select the correct option

☐	5
☒	2.4
☐	3
☐	8

Answers Solved By Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

BT603 - Fermentation Technology (Quiz No. 2)

Quiz Start Time: 10:04 PM, 29 December 2022

Question # 8 of 10 (Start time: 10:08:04 PM, 29 December 2022)

Total Marks: 1

_____ is Best nitrogen sources for some secondary metabolites

Select the correct option

☐	drug
☒	penicilline
☐	medicine
☐	alcohol

Answers Solved By Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

EFFORT BY AMAAN KHAN

VU Medical Zone

BT603 - Fermentation Technology (Quiz No. 2)

Quiz Start Time: 10:04 PM, 29 December 2022

Question # 9 of 10 (Start time: 10:09:31 PM, 29 December 2022)

Total Marks: 1

The use of complex _____ sources for antibiotic production has been common practice.

Select the correct option

☒ nitrogen

Answers Solved By Amaan Khan

Contact: 0305-4716616

Email: maniamaan2@gmail.com

☐ carbohydrates

☐ salt

☐ sugar

Type here to search

Rain to stop 10:11 PM
12/29/2022

BT603 - Fermentation Technology (Quiz No. 2)

Quiz Start Time: 10:04 PM, 29 December 2022

Question # 10 of 10 (Start time: 10:10:06 PM, 29 December 2022)

Total Marks: 1

Gaunt et al. (1984) demonstrated that when the medium of Mandels and Weber (1969) was autoclaved, a _____ precipitate of metal ions formed, containing all the iron and most of the calcium, manganese and zinc present in the medium.

Select the correct option

☐ pink

☒ white

Answers Solved By Amaan Khan

Contact: 0305-4716616

Email: maniamaan2@gmail.com

☐ black

☐ red

Type here to search

Rain to stop 10:12 PM
12/29/2022

EFFORT BY AMAAN KHAN

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BT503 - Fermentation Technology (Quiz No. 2)

Quiz Start Time: 10:11 PM, 29 December 2022

Question # 1 of 10 (Start time: 10:11:24 PM, 29 December 2022)

Total Marks: 1

Some proteinaceous nitrogen compounds serving as sources of amino acids include corn-steep liquor, soya meal, peanut meal, _____.

Select the correct option

☐ oxygen

☐ carbon

☐ hydrogen

☒ cotton-seed meal

Answers Solved By Amaan Khan

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BT503 - Fermentation Technology (Quiz No. 2)

Quiz Start Time: 10:11 PM, 29 December 2022

Question # 2 of 10 (Start time: 10:12:09 PM, 29 December 2022)

Total Marks: 1

On a weight basis n-alkanes have approximately _____ the carbon and three times the energy content of the same weight of sugar.

Select the correct option

☐ thrice

☐ four

☐ five times

☒ twice

Answers Solved By Amaan Khan

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EFFORT BY AMAAN KHAN

VU Medical Zone

BT603 - Fermentation Technology (Quiz No. 2)

Quiz Start Time: 10:11 PM, 29 December 2022

Question # 3 of 10 (Start time: 10:12:39 PM, 29 December 2022)

Total Marks: 1

Ammonium salts such as _____ will usually produce acid conditions as the ammonium ion is utilized and the free acid will be liberated.

Select the correct option

☐ lipids

☐ proteins

☐ vitamins

☒ ammonium sulphate

Answers Solved By Amaan Khan

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BT603 - Fermentation Technology (Quiz No. 2)

Quiz Start Time: 10:11 PM, 29 December 2022

Question # 4 of 10 (Start time: 10:13:18 PM, 29 December 2022)

Total Marks: 1

There are some advantages and disadvantages of hydrocarbons and their derivatives as fermentation substrates, particularly with reference to _____ process aspects and purity.

Select the correct option

☐ oil

☐ system

☐ media

☒ cost

Answers Solved By Amaan Khan

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EFFORT BY AMAAN KHAN

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BT603 – Fermentation Technology (Quiz No. 2)

Quiz Start Time: 10:11 PM, 29 December 2022

Question # 5 of 10 (Start time: 10:13:45 PM, 29 December 2022)

Total Marks: 1

Most industrially used micro-organisms can utilize inorganic or organic sources of _____

Select the correct option

☒ nitrogen

Answers Solved By Amaan Khan

Contact: 0305-4716616

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☐ oxygen

☐ hydrogen

☐ helium

Type here to search

BT603 – Fermentation Technology (Quiz No. 2)

Quiz Start Time: 10:11 PM, 29 December 2022

Question # 6 of 10 (Start time: 10:14:11 PM, 29 December 2022)

Total Marks: 1

Organic nitrogen may be supplied as amino acid, _____ or urea.

Select the correct option

☐ hydrogen

☐ carbon

☐ oxygen

☒ protein

Answers Solved By Amaan Khan

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Email: maniamaan2@gmail.com

Type here to search

EFFORT BY AMAAN KHAN

VU Medical Zone

BT603 - Fermentation Technology (Quiz No. 2)

Quiz Start Time: 10:11 PM, 29 December 2022

Question # 7 of 10 (Start time: 10:14:34 PM, 29 December 2022)

Total Marks: 1

It has been shown in many studies that antibiotic production by many micro-organisms is influenced by the type and concentration of the _____ source in the culture medium.

Select the correct option

☐ oxygen

☐ carbon

☒ nitrogen

☐ hydrogen

Answers Solved By Amaan Khan
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BT603 - Fermentation Technology (Quiz No. 2)

Quiz Start Time: 10:11 PM, 29 December 2022

Question # 8 of 10 (Start time: 10:15:10 PM, 29 December 2022)

Total Marks: 1

The concentration of _____ in a medium, particularly laboratory media in shake flasks, is often much higher than that of other mineral components.

Select the correct option

☐ phytase

☐ polypeptide

☐ protease

☒ phosphate

Answers Solved By Amaan Khan
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BT503 - Fermentation Technology (Quiz No. 2)

Quiz Start Time: 10:11 PM, 29 December 2022

Question # 9 of 10 (Start time: 10:15:48 PM, 29 December 2022)

Total Marks: 1

When the ammonium ion has been exhausted during fermentation, there is an alkaline drift as the _____ is used as an alternative nitrogen source.

Select the correct option

☐ ethanol

☐ HCL

☐ citric acid

☒ nitrate

Answers Solved By Amaan Khan

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Question # 10 of 10 (Start time: 10:16:22 PM, 29 December 2022)

Total Marks: 1

Control mechanisms exist by which nitrate reductase, an enzyme involved in the conversion of nitrate to ammonium ion, is repressed in the presence of _____

Select the correct option

☒ ammonia

Answers Solved By Amaan Khan

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☐ Lactobacillus

☐ environmental nitrogen

☐ soya bean

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