

VU Medical Zone

BIO 204 Quiz no 2 Fall 2020 All Repeated

BIO204:Quiz no. 2

sec(s)
Quiz Start Time: 12:53 AM, 12 February 2021

Question # 1 of 10 (Start time: 12:53:10 AM, 12 February 2021)

Total Marks: 1

Aerobic fermentations require the continuous addition of considerable quantities of?

Select the correct option

☐	sterile light	
☐	sterile proteins	
☒	sterile air	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	sterile water	

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, File Explorer, and Google Chrome. The active window is titled "Quiz - Google Chr...". The system clock shows 12:53 AM, 2/12/2021.

BIO204:Quiz no. 2

sec(s)
Quiz Start Time: 12:53 AM, 12 February 2021

Question # 2 of 10 (Start time: 12:53:29 AM, 12 February 2021)

Total Marks: 1

The fermenter would be spared the corrosion which may occur with medium at.....

Select the correct option

☒	high temperature	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Low temperature.	
☐	Medium temperature.	
☐	Moderate temperature	

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, File Explorer, and Google Chrome. The active window is titled "Quiz - Google Chr...". The system clock shows 12:53 AM, 2/12/2021.

Effort By Amaan Khan

Question # 3 of 10 (Start time: 12:53:43 AM, 12 February 2021)

Total Marks: 1

Media for animal-cell culture cannot be sterilized by steam because they contain.....?

Select the correct option

☒	heat-labile proteins	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	heat-labile wood	
☐	heat-labile wax	
☐	heat-labile food	

[Click to Save Answer & Move to Next Question](#)

Windows taskbar showing icons for Internet Explorer, Google Chrome, and other applications. The system clock shows 12:53 AM on 2/12/2021.

Question # 4 of 10 (Start time: 12:53:56 AM, 12 February 2021)

Total Marks: 1

Suspended solids maybe separated from a fluid during filtration by how many methods?

Select the correct option

☐	2	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	1	
☒	4	
☐	3	

[Click to Save Answer & Move to Next Question](#)

Windows taskbar showing icons for Internet Explorer, Google Chrome, and other applications. The system clock shows 12:54 AM on 2/12/2021.

Question # 5 of 10 (Start time: 12:54:09 AM, 12 February 2021)

Total Marks: 1

Some form of pretreatment of the exhaust gas is necessary before it enters the absolute filter. This pretreatment may be a hydrophobic prefilter or a mechanical separator to remove water, aerosol particles and foam.

Select the correct option

☐	heat filter	
☒	absolute filter	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	glass filter	
☐	constant filter	

[Click to Save Answer & Move to Next Question](#)

BIO204: Quiz no. 2

Quiz Start Time: 12:53 AM, 12 February 2021

Question # 6 of 10 (Start time: 12:54:21 AM, 12 February 2021)

Total Marks: 1

From the data of Deindoerfer and Humphrey (1961) the specific death rate of *B. stearothermophilus* spores at _____ is _____

Select the correct option

☒	121°C, 2.54 min ⁻¹	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	100°C, 1.54 min ⁻¹	
☐	111°C, 2.54 min ⁻¹	
☐	110°C, 1.54 min ⁻¹	

[Click to Save Answer & Move to Next Question](#)

VU Medical Zone

BIO204:Quiz no. 2

Quiz Start Time: 12:53 AM, 12 February 2021

Question # 7 of 10 (Start time: 12:54:33 AM, 12 February 2021)

Total Marks: 1

The use of the Del factor in the scale up of batch sterilization processes has been discussed by Banks in...

Select the correct option

☒	1979	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
☐	1978		/
☐	1977		/
☐	1976		/

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, Google Chrome, and other applications. The system clock shows 12:55 AM on 2/12/2021.

BIO204:Quiz no. 2

Quiz Start Time: 12:53 AM, 12 February 2021

Question # 8 of 10 (Start time: 12:55:03 AM, 12 February 2021)

Total Marks: 1

The most suitable indirect heat exchangers are of.....?

Select the correct option

☐	single-spiral		/
☒	double-spiral	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
☐	tetra-spiral		/
☐	hexa-spiral		/

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Internet Explorer, Google Chrome, and other applications. The system clock shows 12:55 AM on 2/12/2021.

Effort By Amaan Khan

Question # 9 of 10 (Start time: 12:55:15 AM, 12 February 2021)

Total Marks: 1

In some cases a combination of direct and indirect heat exchangers may be used. This is especially true for what type of broths

Select the correct option

☐	protein-containing broths	
☐	wax-containing broths	
☐	water-containing broths	
☒	starch-containing broths	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

[Click to Save Answer & Move to Next Question](#)

Question # 10 of 10 (Start time: 12:55:29 AM, 12 February 2021)

Total Marks: 1

The length of the holding period is dictated by the length of the coil and the flow rate of the.....?

Select the correct option

☒	medium	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	environment	
☐	heat	
☐	pH	

[Click to Save Answer & Move to Next Question](#)

VU Medical Zone

BIO204:Quiz no. 2

sec(s)
Quiz Start Time: 12:39 AM, 12 February 2021

Question # 1 of 10 (Start time: 12:39:36 AM, 12 February 2021)

Total Marks: 1

Aerobic fermentations require the continuous addition of considerable quantities of

Select the correct option

☐	sterile light	
☐	sterile proteins	
☒	sterile air	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	sterile water	

Click to Save Answer & Move to Next Question



BIO204:Quiz no. 2

sec(s)
Quiz Start Time: 12:39 AM, 12 February 2021

Question # 2 of 10 (Start time: 12:40:20 AM, 12 February 2021)

Total Marks: 1

In some cases a combination of direct and indirect heat exchangers may be used. This is especially true for what type of broths

Select the correct option

☐	protein-containing broths	
☐	wax-containing broths	
☐	water-containing broths	
☒	starch-containing broths	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



Effort By Amaan Khan

Question # 3 of 10 (Start time: 12:41:07 AM, 12 February 2021)

Total Marks: 1

Some form of pretreatment of the exhaust gas is necessary before it enters the absolute filter. This pretreatment may be a hydrophobic prefilter or a mechanical separator to remove water, aerosol particles and foam.

Select the correct option

☐	heat filter	
☒	absolute filter	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	glass filter	
☐	constant filter	

[Click to Save Answer & Move to Next Question](#)

Question # 4 of 10 (Start time: 12:42:33 AM, 12 February 2021)

Total Marks: 1

During sterilization steam pressure is held at 15 psi in the vessel for approximately _____ minutes.

Select the correct option

☐	30-35 minutes	
☐	50 min to 1 hr	
☒	20 minutes	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	10-15 minutes	

[Click to Save Answer & Move to Next Question](#)

Question # 5 of 10 (Start time: 12:43:08 AM, 12 February 2021)

Total Marks: 1

Suspended solids maybe separated from a fluid during filtration by how many methods?

Select the correct option

☐	2	
☐	1	
☒	4	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	3	

Click to Save Answer & Move to Next Question



Question # 6 of 10 (Start time: 12:43:54 AM, 12 February 2021)

Total Marks: 1

From the data of Deindoerfer and Humphrey (1961) the specific death rate of B. stearotherophilus spores at _____ is _____

Select the correct option

☒	121°C, 2.54 min-1	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	100°C, 1.54 min-1	
☐	111°C, 2.54 min-1	
☐	110°C, 1.54 min-1	

Click to Save Answer & Move to Next Question



VU Medical Zone

BIO204:Quiz no. 2

sec(s)
Quiz Start Time: 12:39 AM, 12 February 2021

Question # 7 of 10 (Start time: 12:44:26 AM, 12 February 2021)

Total Marks: 1

The fermenter would be spared the corrosion which may occur with medium at.....

Select the correct option

☒	high temperature	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	
☐	Low temperature.		
☐	Medium temperature.		
☐	Moderate temperature		

Click to Save Answer & Move to Next Question



BIO204:Quiz no. 2

sec(s)
Quiz Start Time: 12:39 AM, 12 February 2021

Question # 8 of 10 (Start time: 12:45:06 AM, 12 February 2021)

Total Marks: 1

The length of the holding period is dictated by the length of the coil and the flow rate of the.....?

Select the correct option

☒	medium	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	
☐	environment		
☐	heat		
☐	pH		

Click to Save Answer & Move to Next Question



Effort By Amaan Khan

VU Medical Zone

BIO204:Quiz no. 2

Quiz Start Time: 12:39 AM, 12 February 2021

Question # 9 of 10 (Start time: 12:45:48 AM, 12 February 2021)

Total Marks: 1

Media for animal-cell culture cannot be sterilized by steam because they contain.....?

Select the correct option

☒	heat-labile proteins	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	heat-labile wood	
☐	heat-labile wax	
☐	heat-labile food	

Click to Save Answer & Move to Next Question



BIO204:Quiz no. 2

Quiz Start Time: 12:39 AM, 12 February 2021

Question # 10 of 10 (Start time: 12:46:34 AM, 12 February 2021)

Total Marks: 1

The most suitable indirect heat exchangers are of.....?

Select the correct option

☐	single-spiral	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☒	double-spiral	
☐	tetra-spiral	
☐	hexa-spiral	

Click to Save Answer & Move to Next Question



Effort By Amaan Khan

VU Medical Zone

BIO204:Quiz no. 2

Quiz Start Time: 12:56 AM, 12 February 2021

Question # 1 of 10 (Start time: 12:56:15 AM, 12 February 2021)

Total Marks: 1

The fermenter would be spared the corrosion which may occur with medium at.....

Select the correct option

☒	high temperature	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	
☐	Low temperature.		
☐	Medium temperature.		
☐	Moderate temperature		

Click to Save Answer & Move to Next Question



BIO204:Quiz no. 2

Quiz Start Time: 12:56 AM, 12 February 2021

Question # 2 of 10 (Start time: 12:56:31 AM, 12 February 2021)

Total Marks: 1

Media for animal-cell culture cannot be sterilized by steam because they contain.....?

Select the correct option

☒	heat-labile proteins	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	
☐	heat-labile wood		
☐	heat-labile wax		
☐	heat-labile food		

Click to Save Answer & Move to Next Question



Effort By Amaan Khan

Question # 3 of 10 (Start time: 12:56:40 AM, 12 February 2021)

Total Marks: 1

From the data of Deindoerfer and Humphrey (1961) the specific death rate of *B. stearotherophilus* spores at _____ is _____

Select the correct option

☒	121°C, 2.54 min ⁻¹	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	100°C, 1.54 min ⁻¹	
☐	111°C, 2.54 min ⁻¹	
☐	110°C, 1.54 min ⁻¹	

[Click to Save Answer & Move to Next Question](#)

Windows taskbar showing icons for Internet Explorer, Google Chrome, and other applications. The system clock shows 12:56 AM, 2/12/2021.

Question # 4 of 10 (Start time: 12:56:51 AM, 12 February 2021)

Total Marks: 1

During sterilization steam pressure is held at 15 psi in the vessel for approximately _____ minutes.

Select the correct option

☐	30-35 minutes	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	50 min to 1 hr	
☒	20 minutes	
☐	10-15 minutes	

[Click to Save Answer & Move to Next Question](#)

Windows taskbar showing icons for Internet Explorer, Google Chrome, and other applications. The system clock shows 12:57 AM, 2/12/2021.

VU Medical Zone

BIO204:Quiz no. 2

sec(s)
Quiz Start Time: 12:56 AM, 12 February 2021

Question # 5 of 10 (Start time: 12:57:00 AM, 12 February 2021)

Total Marks: 1

The use of the Del factor in the scale up of batch sterilization processes has been discussed by Banks in...

Select the correct option

☒	1979	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
☐	1978		/
☐	1977		/
☐	1976		/

Click to Save Answer & Move to Next Question



BIO204:Quiz no. 2

Quiz Start Time: 12:56 AM, 12 February 2021

Question # 6 of 10 (Start time: 12:57:10 AM, 12 February 2021)

Total Marks: 1

In some cases a combination of direct and indirect heat exchangers may be used. This is especially true for what type of broths

Select the correct option

☐	protein-containing broths		/
☐	wax-containing broths		/
☐	water-containing broths		/
☒	starch-containing broths	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/

Click to Save Answer & Move to Next Question



Effort By Amaan Khan

VU Medical Zone

BIO204:Quiz no. 2

Quiz Start Time: 12:56 AM, 12 February 2021

Question # 7 of 10 (Start time: 12:57:22 AM, 12 February 2021)

Total Marks: 1

The most suitable indirect heat exchangers are of.....?

Select the correct option



single-spiral



double-spiral

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



tetra-spiral



hexa-spiral

Click to Save Answer & Move to Next Question



BIO204:Quiz no. 2

Quiz Start Time: 12:56 AM, 12 February 2021

Question # 8 of 10 (Start time: 12:57:32 AM, 12 February 2021)

Total Marks: 1

The length of the holding period is dictated by the length of the coil and the flow rate of the.....?

Select the correct option



medium

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



environment



heat



pH

Click to Save Answer & Move to Next Question



Effort By Amaan Khan

VU Medical Zone

BIO204:Quiz no. 2

Quiz Start Time: 12:56 AM, 12 February 2021

Question # 9 of 10 (Start time: 12:57:42 AM, 12 February 2021)

Total Marks: 1

Aerobic fermentations require the continuous addition of considerable quantities of?

Select the correct option

☐	sterile light	
☐	sterile proteins	
☒	sterile air	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	sterile water	

Click to Save Answer & Move to Next Question



BIO204:Quiz no. 2

Quiz Start Time: 12:56 AM, 12 February 2021

Question # 10 of 10 (Start time: 12:57:52 AM, 12 February 2021)

Total Marks: 1

Some form of pretreatment of the exhaust gas is necessary before it enters the absolute filter. This pretreatment may be a hydrophobic prefilter or a mechanical separator to remove water, aerosol particles and foam.

Select the correct option

☐	heat filter	
☒	absolute filter	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	glass filter	
☐	constant filter	

Click to Save Answer & Move to Next Question



Effort By Amaan Khan