

VU Medical Zone

CHE 301 Quiz no 2 Fall 2020

CHE301:Quiz#2

Quiz Start Time: 01:43 PM, 06 February 2021

Question # 1 of 10 (Start time: 01:43:50 PM, 06 February 2021)

Total Marks: 1

Flash silica has _____ mesh size

Select the correct option

☐	larger	
☐	medium	
☒	Smaller	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	zero	

Click to Save Answer & Move to Next Question



CHE301:Quiz#2

Quiz Start Time: 01:43 PM, 06 February 2021

Question # 2 of 10 (Start time: 01:44:33 PM, 06 February 2021)

Total Marks: 1

What is absorbed radiation for violet color?

Select the correct option

☐	400-535nm	
☒	400-435nm	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	400-635nm	
☐	400-735nm	

Click to Save Answer & Move to Next Question



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CHE301:Quiz#2

Quiz Start Time: 01:43 PM, 06 February 2021

Question # 3 of 10 (Start time: 01:45:57 PM, 06 February 2021)

Total Marks: 1

_____ is the most selective type of chromatography employed. It utilizes the specific interaction between one kind of solute molecule and a second molecule that is immobilized on a stationary phase

Select the correct option

☒	Affinity chromatography	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Partition chromatography	
☐	Ion exchange chromatography	
☐	Molecular Exclusion Chromatography	

Click to Save Answer & Move to Next Question

CHE301:Quiz#2

Quiz Start Time: 01:43 PM, 06 February 2021

Question # 4 of 10 (Start time: 01:46:30 PM, 06 February 2021)

Total Marks: 1

s to s* Transition occurs in Compounds with _____?

Select the correct option

☐	double bonds	
☒	single bonds	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	conjugated bonds	
☐	cyclic compound	

Click to Save Answer & Move to Next Question

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CHE301:Quiz#2

Quiz Start Time: 01:43 PM, 06 February 2021

Question # 5 of 10 (Start time: 01:48:15 PM, 06 February 2021)

Total Marks: 1

pKa value of Benzoic acid is.....

Select the correct option

☒	4.2	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	
☐	4.8		
☐	5.8		
☐	7.8		

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Start, File Explorer, VLC, Edge, and Google Chrome. The active window is 'Quiz - Google Chr...'. The system clock shows 1:48 PM on 2/6/2021.

CHE301:Quiz#2

Quiz Start Time: 01:43 PM, 06 February 2021

Question # 6 of 10 (Start time: 01:48:44 PM, 06 February 2021)

Total Marks: 1

Chromatography known as gel permeation or gel filtration

Select the correct option

☒	Molecular Exclusion	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	
☐	Partition chromatography		
☐	Ion exchange chromatography		
☐	Affinity chromatography		

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Start, File Explorer, VLC, Edge, and Google Chrome. The active window is 'Quiz - Google Chr...'. The system clock shows 1:49 PM on 2/6/2021.

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CHE301:Quiz#2

Quiz Start Time: 01:43 PM, 06 February 2021

Question # 7 of 10 (Start time: 01:49:08 PM, 06 February 2021)

Total Marks: 1

what is Epsilon in Beer Lambert Law?

Select the correct option

☐	Transmittance	
☒	Molar absorptivity	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Path length	
☐	Analyte concentration	

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for File Explorer, VLC, Edge, and Google Chrome. The active window is 'Quiz - Google Chr...'. The system clock shows 1:49 PM on 2/6/2021.

CHE301:Quiz#2

Quiz Start Time: 01:43 PM, 06 February 2021

Question # 8 of 10 (Start time: 01:49:56 PM, 06 February 2021)

Total Marks: 1

Which of the following are directly proportional to each other?

Select the correct option

☒	Energy and frequency	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Energy and wavelength	
☐	Wavelength and frequency	
☐	all of these	

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for File Explorer, VLC, Edge, and Google Chrome. The active window is 'Quiz - Google Chr...'. The system clock shows 1:50 PM on 2/6/2021.

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CHE301:Quiz#2

Quiz Start Time: 01:43 PM, 06 February 2021

Question # 9 of 10 (Start time: 01:50:45 PM, 06 February 2021)

Total Marks: 1

Silica Gel used in column chromatography is available in varied mesh sizes starting from _____ Mesh.

Select the correct option

☒	60 to 800	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	
☐	80 to 900		
☐	30 to 600		
☐	600 to 900		

Click to Save Answer & Move to Next Question



CHE301:Quiz#2

Quiz Start Time: 01:43 PM, 06 February 2021

Question # 10 of 10 (Start time: 01:51:13 PM, 06 February 2021)

Total Marks: 1

SPE stands for

Select the correct option

☒	Solid phase extraction	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	
☐	Small phase extraction		
☐	Similar phase extraction		
☐	both A and B		

Click to Save Answer & Move to Next Question



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CHE301:Quiz#2

Quiz Start Time: 01:55 PM, 06 February 2021

Question # 1 of 10 (Start time: 01:55:51 PM, 06 February 2021)

Total Marks: 1

pKa value of Benzoic acid is.....

Select the correct option

☒	4.2	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	
☐	4.8		
☐	5.8		
☐	7.8		

Click to Save Answer & Move to Next Question



CHE301:Quiz#2

Quiz Start Time: 01:55 PM, 06 February 2021

Question # 2 of 10 (Start time: 01:56:06 PM, 06 February 2021)

Total Marks: 1

SPE stands for

Select the correct option

☒	Solid phase extraction	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	
☐	Small phase extraction		
☐	Similar phase extraction		
☐	both A and B		

Click to Save Answer & Move to Next Question



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CHE301:Quiz#2

Quiz Start Time: 01:55 PM, 06 February 2021

Question # 3 of 10 (Start time: 01:56:15 PM, 06 February 2021)

Total Marks: 1

_____ of the sinusoidal wave is defined as the length of the electrical vector at the maximum in the wave.

Select the correct option

☐	wavelength	
☒	Amplitude	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	frequency	
☐	intensity	

Click to Save Answer & Move to Next Question



CHE301:Quiz#2

Quiz Start Time: 01:55 PM, 06 February 2021

Question # 4 of 10 (Start time: 01:56:41 PM, 06 February 2021)

Total Marks: 1

_____ Chromatography known as gel permeation or gel filtration

Select the correct option

☒	Molecular Exclusion	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Partition chromatography	
☐	Ion exchange chromatography	
☐	Affinity chromatography	

Click to Save Answer & Move to Next Question



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CHE301:Quiz#2

Quiz Start Time: 01:55 PM, 06 February 2021

Question # 5 of 10 (Start time: 01:56:55 PM, 06 February 2021)

Total Marks: 1

$v = Eq/F$
where E is applied electric charge, q is net charge on a molecule, and F is _____ it depends upon mass and shape of molecule.

Select the correct option

☒	Frictional coefficient	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	
☐	Faraday constant constant		
☐	Fixation coefficient		
☐	Fractional constant		

Click to Save Answer & Move to Next Question



CHE301:Quiz#2

Quiz Start Time: 01:55 PM, 06 February 2021

Question # 6 of 10 (Start time: 01:57:37 PM, 06 February 2021)

Total Marks: 1

In column chromatography Mobile Phase used: organic solvents starting from _____?

Select the correct option

☐	medium polar to high polarity	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	
☐	medium polar to low polarity		
☒	less polar to high polarity		
☐	highly polar to low polarity		

Click to Save Answer & Move to Next Question



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CHE301:Quiz#2

Quiz Start Time: 01:55 PM, 06 February 2021

Question # 7 of 10 (Start time: 01:58:27 PM, 06 February 2021)

Total Marks: 1

_____ packed with 3 μ m dia, column packing is just 5 cm long permit very fast analysis.

Select the correct option

☒	Fast-LC columns	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Standard column	
☐	Small Bore Column	
☐	Micro Bore Columns	

 Click to Save Answer & Move to Next Question



CHE301:Quiz#2

Quiz Start Time: 01:55 PM, 06 February 2021

Question # 8 of 10 (Start time: 01:59:50 PM, 06 February 2021)

Total Marks: 1

Filtration to separate solid _____ particles from solution

Select the correct option

☒	Insoluble	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	soluble	
☐	sparingly soluble	
☐	partially soluble	

 Click to Save Answer & Move to Next Question



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CHE301:Quiz#2

Quiz Start Time: 01:55 PM, 06 February 2021

Question # 9 of 10 (Start time: 02:00:26 PM, 06 February 2021)

Total Marks: 1

In organic compounds, how many types of ground state electrons may be involved?

Select the correct option

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

Click to Save Answer & Move to Next Question

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Quiz Start Time: 01:55 PM, 06 February 2021

Question # 10 of 10 (Start time: 02:00:53 PM, 06 February 2021)

Total Marks: 1

Which of the following are directly proportional to each other?

Select the correct option

☒	Energy and frequency	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
☐	Energy and wavelength		/
☐	Wavelength and frequency		/
☐	all of these		/

Click to Save Answer & Move to Next Question

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