

VU Medical Zone

BT 604 Quiz no 1 Fall 2020 Lecture 1 to 90

BT604:Quiz No: 1

sec(s)
Quiz Start Time: 10:53 PM, 18 January 2021

Question # 1 of 10 (Start time: 10:53:51 PM, 18 January 2021)

Total Marks: 1

UV light, which is most harmful at 260nm, causes specific damage to DNA, notably the formation of__

Select the correct option

☐	Cytosine dimers	
☒	Thymine dimers	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Uracil dimers	
☐	Adenine dimers	

Click to Save Answer & Move to Next Question



BT604:Quiz No: 1

Quiz Start Time: 10:53 PM, 18 January 2021

Question # 2 of 10 (Start time: 10:54:29 PM, 18 January 2021)

Total Marks: 1

Plaque has structures that pass into both the nucleus and cytoplasmic matrix named as__

Select the correct option

☒	Microtubules	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Filament	
☐	Endoplasmic reticulum	
☐	Microtubules	

Click to Save Answer & Move to Next Question



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BT604:Quiz No: 1

Quiz Start Time: 10:53 PM, 18 January 2021

Question # 3 of 10 (Start time: 10:55:22 PM, 18 January 2021)

Total Marks: 1

By the year _____, Biotechnological processes will be used to produce chemicals and materials which are hard or impossible to produce conventionally.

Select the correct option

☐	2020	
☐	2021	
☒	2025	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	2022	

Click to Save Answer & Move to Next Question



BT604:Quiz No: 1

Quiz Start Time: 10:53 PM, 18 January 2021

Question # 4 of 10 (Start time: 10:55:53 PM, 18 January 2021)

Total Marks: 1

The _____ are large sexual fruiting bodies in Basidiomycetes.

Select the correct option

☐	Puff balls	
☒	Basidiocarps	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Hyphae	
☐	Chrysosporium	

Click to Save Answer & Move to Next Question



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BT604: Quiz No: 1

Quiz Start Time: 10:53 PM, 18 January 2021

Question # 5 of 10 (Start time: 10:56:47 PM, 18 January 2021)

Total Marks: 1

_____ is the use of computing technologies to manage and analyze biological data.

Select the correct option

☒	Bioinformatics	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/
☐	Statistics		/
☐	Genomics		/
☐	Computer		/

Click to Save Answer & Move to Next Question



BT604: Quiz No: 1

Quiz Start Time: 10:53 PM, 18 January 2021

Question # 6 of 10 (Start time: 10:57:26 PM, 18 January 2021)

Total Marks: 1

Cytoplasmic membrane contains pores made up of _____ that selectively control the entry of molecules and charged ions into cells.

Select the correct option

☐	Proteins		/
☐	Acids		/
☐	Bases		/
☒	Porins	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	/

Click to Save Answer & Move to Next Question



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BT604:Quiz No: 1

Quiz Start Time: 10:53 PM, 18 January 2021

Question # 7 of 10 (Start time: 10:57:59 PM, 18 January 2021)

Total Marks: 1

Synthesis of saturated fatty acids involves derivatives of _____ and _____

Select the correct option

☐	None of the them	
☐	sugar units and acidic fatty acids	
☐	Oxaloacetate and coenzyme A	
☒	Coenzyme A and Acyl carrier proteins	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BT604:Quiz No: 1

Quiz Start Time: 10:53 PM, 18 January 2021

Question # 8 of 10 (Start time: 10:59:04 PM, 18 January 2021)

Total Marks: 1

In _____ fermentation the system never achieves steady-state conditions.

Select the correct option

☐	Continuous	
☐	Fed Batch	
☒	Batch	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Upstream	

Click to Save Answer & Move to Next Question



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BT604:Quiz No: 1

Quiz Start Time: 10:53 PM, 18 January 2021

Question # 9 of 10 (Start time: 11:00:03 PM, 18 January 2021)

Total Marks: 1

_____ has been used extensively as a model for the study of molecular biology.

Select the correct option

☐	S.aureus	
☒	E. Coli	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Pseudomonas	
☐	Yeast	

Click to Save Answer & Move to Next Question



BT604:Quiz No: 1

Quiz Start Time: 10:53 PM, 18 January 2021

Question # 10 of 10 (Start time: 11:00:24 PM, 18 January 2021)

Total Marks: 1

Hundreds of haploid spores are produced by _____ within the sporangium, which are then wind dispersed.

Select the correct option

☐	Miosis	
☐	Symbiosis	
☒	Mitosis	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	None of the above	

Click to Save Answer & Move to Next Question



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BT604:Quiz No: 1

Quiz Start Time: 11:03 PM, 18 January 2021

Question # 1 of 10 (Start time: 11:03:34 PM, 18 January 2021)

Total Marks: 1

Cytoplasmic membrane contains pores made up of _____ that selectively control the entry of molecules and charged ions into cells.

Select the correct option

☐	Proteins	
☐	Acids	
☐	Bases	
☒	Porins	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question

BT604:Quiz No: 1

Quiz Start Time: 11:03 PM, 18 January 2021

Question # 2 of 10 (Start time: 11:03:56 PM, 18 January 2021)

Total Marks: 1

To Increase productivity enzymes and the microorganisms should cope with extreme environments like high _____ and high pressure.

Select the correct option

☐	Volume	
☐	Salt	
☒	Temperature	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	None of the above	

Click to Save Answer & Move to Next Question

BT604:Quiz No: 1

Quiz Start Time: 11:04 PM, 1/18/2021

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BT604:Quiz No: 1

Quiz Start Time: 11:03 PM, 18 January 2021

Question # 3 of 10 (Start time: 11:04:55 PM, 18 January 2021)

Total Marks: 1

Phosphorus is generally provided as inorganic phosphate ions, often as a ____.

Select the correct option

☐	Acid	
☒	ph buffer	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Base	
☐	ATP	

Click to Save Answer & Move to Next Question



BT604:Quiz No: 1

Quiz Start Time: 11:03 PM, 18 January 2021

Question # 4 of 10 (Start time: 11:05:32 PM, 18 January 2021)

Total Marks: 1

Over 4000 antibiotics have now been isolated, but only about ____are used regularly in antimicrobial chemotherapy

Select the correct option

☐	100	
☐	200	
☒	50	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	150	

Click to Save Answer & Move to Next Question



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BT604:Quiz No: 1

Quiz Start Time: 11:03 PM, 18 January 2021

Question # 5 of 10 (Start time: 11:06:03 PM, 18 January 2021)

Total Marks: 1

..... are those microorganisms which are able to survive at high pressure.

Select the correct option

☐	Xerotolerant	
☒	barotolerant	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	thermotolerant	
☐	halophyte	



Click to Save Answer & Move to Next Question



BT604:Quiz No: 1

Quiz Start Time: 11:03 PM, 18 January 2021

Question # 6 of 10 (Start time: 11:07:40 PM, 18 January 2021)

Total Marks: 1

Biotechnology is also benefited for the overall economy Due to _____

Select the correct option

☐	Less energy consumption	
☐	More efficient processes	
☐	More energy consumption	
☒	Both A and B	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



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BT604:Quiz No: 1

Quiz Start Time: 11:03 PM, 18 January 2021

Question # 7 of 10 (Start time: 11:08:27 PM, 18 January 2021)

Total Marks: 1

Yeast cells of opposite mating types that are in contact or close proximity undergo plasmogamy and _____ to form a diploid cell.

Select the correct option

☒	Karyogamy	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Progeny	
☐	Mitosis	
☐	Miosis	

Click to Save Answer & Move to Next Question



BT604:Quiz No: 1

Quiz Start Time: 11:03 PM, 18 January 2021

Question # 8 of 10 (Start time: 11:09:24 PM, 18 January 2021)

Total Marks: 1

The number and size of peroxisomes varies depending upon the _____ and available nutrients.

Select the correct option

☐	Media	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Water	
☐	Ph	
☒	Environment	

Click to Save Answer & Move to Next Question



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BT604:Quiz No: 1

Quiz Start Time: 11:03 PM, 18 January 2021

Question # 9 of 10 (Start time: 11:09:57 PM, 18 January 2021)

Total Marks: 1

White biotechnology is by nature an/a _____ area.

Select the correct option

☒	Multidisciplinary	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Indiscipline	
☐	Dry	
☐	None of the above	

Click to Save Answer & Move to Next Question



BT604:Quiz No: 1

Quiz Start Time: 11:03 PM, 18 January 2021

Question # 10 of 10 (Start time: 11:11:01 PM, 18 January 2021)

Total Marks: 1

The archaea may be divided into _____ kingdoms.

Select the correct option

☐	Five	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Six	
☒	Three	
☐	Two	

Click to Save Answer & Move to Next Question



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