

VU Medical Zone

BT 501 Quiz no 2 Fall 2020

BT501:Quiz No2

sec(s)
Quiz Start Time: 02:28 AM, 08 February 2021

Question # 1 of 10 (Start time: 02:28:55 AM, 08 February 2021)

Total Marks: 1

Why are antibodies used as valuable reagents for the development of laboratory diagnostic technologies for both clinical research and clinical trials?

Select the correct option

- ☐ Antibodies are highly specific reagents for detecting a wide variety of molecules in the circulation and in cells and tissues
- ☐ Antibodies designed to block or eliminate potentially harmful molecules and cells
- ☒ Antibodies are in extensive use for the treatment of immunological diseases, cancers, and other types of disorders
- ☐ Antibodies, protein products synthesized by B cells during an immune response

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

Click to Save Answer & Move to Next Question



BT501:Quiz No2

sec(s)
Quiz Start Time: 02:28 AM, 08 February 2021

Question # 2 of 10 (Start time: 02:30:04 AM, 08 February 2021)

Total Marks: 1

After applying _____ method, the embryos with the transgene are cultured in vitro up to the morula stage and then transferred to pseudopregnant foster mothers.

Select the correct option

- ☒ Microinjection
- ☐ Embryonic stem cell -mediated transfer
- ☐ Retrovirus mediated gene transfer
- ☐ All of the given

Answer solved by Amaan Khan
Contact: 0305-4716616
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BT501:Quiz No2

Quiz Start Time: 02:28 AM, 08 February 2021

Question # 3 of 10 (Start time: 02:31:00 AM, 08 February 2021)

Total Marks: 1

In real time PCR, data collected in the _____ of the reaction yield quantitative information on the starting quantity of the target

Select the correct option

☒	Exponential phase	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Linear phase	
☐	Plateau phase	
☐	None of the given	

Click to Save Answer & Move to Next Question



BT501:Quiz No2

Quiz Start Time: 02:28 AM, 08 February 2021

Question # 4 of 10 (Start time: 02:31:36 AM, 08 February 2021)

Total Marks: 1

The autologous cell transplantation is basically refers to

Select the correct option

☐	Same species transplantation	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Syngeneic transplantation	
☒	Same individual transplantation	
☐	Transplantation from a different species	

Click to Save Answer & Move to Next Question



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BT501:Quiz No2

Quiz Start Time: 02:28 AM, 08 February 2021

Question # 5 of 10 (Start time: 02:32:52 AM, 08 February 2021)

Total Marks: 1

It has been reported that _____ immunity is only for a short duration of time, up to several months.

Select the correct option

☒	Passive	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Active	
☐	Humoral	
☐	Cell mediated	

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Start, File Explorer, VLC, Edge, and Chrome. The active window is 'Quiz - Google Chr...'. The system clock shows 2:33 AM on 2/8/2021.

BT501:Quiz No2

Quiz Start Time: 02:28 AM, 08 February 2021

Question # 6 of 10 (Start time: 02:33:20 AM, 08 February 2021)

Total Marks: 1

In medicine the transgenic animals may serve as:

Select the correct option

☐	Disease models	
☐	Knockouts for studies related to gene function	
☐	Pharmaceutical production	
☒	All of the given	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

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Windows taskbar showing icons for Start, File Explorer, VLC, Edge, and Chrome. The active window is 'Quiz - Google Chr...'. The system clock shows 2:34 AM on 2/8/2021.

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Quiz Start Time: 02:28 AM, 08 February 2021

Question # 7 of 10 (Start time: 02:34:12 AM, 08 February 2021)

Total Marks: 1

The condition in which immunity works against itself and destroys the person's immune system called _____

Select the correct option

☒	Autoimmunity	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	
☐	Hypersensitivities		
☐	Immunodeficiency		
☐	All of the given		

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Start, File Explorer, Task View, Edge, and Google Chrome. The active window is 'Quiz - Google Chr...'. The system tray shows the time as 2:35 AM on 2/8/2021 and a network icon.

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Quiz Start Time: 02:28 AM, 08 February 2021

Question # 8 of 10 (Start time: 02:35:08 AM, 08 February 2021)

Total Marks: 1

The inventor of Pyrosequencing is _____

Select the correct option

☐	Maxam and Gilbert	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	
☐	Frederick Sanger		
☒	Pal Nyren		
☐	None of the given		

Click to Save Answer & Move to Next Question

Windows taskbar showing icons for Start, File Explorer, Task View, Edge, and Google Chrome. The active window is 'Quiz - Google Chr...'. The system tray shows the time as 2:36 AM on 2/8/2021 and a network icon.

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Quiz Start Time: 02:28 AM, 08 February 2021

Question # 9 of 10 (Start time: 02:36:36 AM, 08 February 2021)

Total Marks: 1

A failure in _____ could potentially results in allergy and autoimmune disease.

Select the correct option

☒	Immune regulation	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Immunological recognition	
☐	Immune effector functions	
☐	Immunological memory	

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



BT501:Quiz No2

Quiz Start Time: 02:28 AM, 08 February 2021

Question # 10 of 10 (Start time: 02:38:11 AM, 08 February 2021)

Total Marks: 1

Following are the common causes for secondary immunodeficiency , except

Select the correct option

☐	Malnutrition	
☐	Aging	
☐	Particular medications	
☒	Autosomal recessive disorders	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

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



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BT501:Quiz No2

Quiz Start Time: 02:42 AM, 08 February 2021

Question # 1 of 10 (Start time: 02:42:55 AM, 08 February 2021)

Total Marks: 1

Which is basic strategy for producing transgenic animals?

Select the correct option

☐	Gain of function	
☐	Loss of function	
☐	Complex function	
☒	Loss and gain of function	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



BT501:Quiz No2

Quiz Start Time: 02:42 AM, 08 February 2021

Question # 2 of 10 (Start time: 02:43:35 AM, 08 February 2021)

Total Marks: 1

A few hundred people each year, often children, receive a lobe of a _____ from a family member.

Select the correct option

☐	Kidney	
☒	Liver	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Heart	
☐	Lungs	

Click to Save Answer & Move to Next Question



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BT501:Quiz No2

Quiz Start Time: 02:42 AM, 08 February 2021

Question # 3 of 10 (Start time: 02:44:04 AM, 08 February 2021)

Total Marks: 1

Which type of T-cells that are not attached to MHC receptors?

Select the correct option

☒	Killer T cells	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Helper T cells	
☐	Cytotoxic T cells	
☐	Gamma-delta T cells	

Click to Save Answer & Move to Next Question



BT501:Quiz No2

Quiz Start Time: 02:42 AM, 08 February 2021

Question # 4 of 10 (Start time: 02:44:41 AM, 08 February 2021)

Total Marks: 1

The amount of DNA is measured after each cycle based on increasing yield of fluorescent signal produced by the accumulation of fluorescent dye in _____

Select the correct option

☐	PCR	
☒	Real Time PCR	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Nested PCR	
☐	Gradient PCR	

Click to Save Answer & Move to Next Question



Effort By Amaan Khan

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BT501:Quiz No2

Quiz Start Time: 02:42 AM, 08 February 2021

Question # 5 of 10 (Start time: 02:45:28 AM, 08 February 2021)

Total Marks: 1

After DNA extraction and selection of suitable gene, the next step is _____ in the genetic engineering process.

Select the correct option

☒	Generation of DNA fragments	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Selection of the transformed host	
☐	Gene cloning	
☐	Gene therapy	

Click to Save Answer & Move to Next Question



BT501:Quiz No2

Quiz Start Time: 02:42 AM, 08 February 2021

Question # 6 of 10 (Start time: 02:45:48 AM, 08 February 2021)

Total Marks: 1

The recognition of this MHC-antigen complex is aided by a coreceptor localized on the killer T cell, which is also called _____. It has been suggested that T cells travel throughout the body in hunt of cells where the _____ receptors contain this antigen.

Select the correct option

☐	CD-4, MHC-I	
☒	CD-8, MHC-I	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	CD-8, MHC-II	
☐	CD-4, MHC-II	

Click to Save Answer & Move to Next Question



Effort By Amaan Khan

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BT501:Quiz No2

Quiz Start Time: 02:42 AM, 08 February 2021

Question # 7 of 10 (Start time: 02:46:49 AM, 08 February 2021)

Total Marks: 1

Which sequencing method uses the short oligonucleotides instead of a single base?

Select the correct option

☐	Maxam and Gilbert DNA sequencing	
☐	Pyrosequencing	
☒	Sequencing by Ligation	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Sequencing by Synthesis	

Click to Save Answer & Move to Next Question



BT501:Quiz No2

Quiz Start Time: 02:42 AM, 08 February 2021

Question # 8 of 10 (Start time: 02:47:41 AM, 08 February 2021)

Total Marks: 1

The gene of interest (GOI) is ligated to selectable marker gene and reporter gene. Reported genes may be _____

Select the correct option

☐	β -glucuronidase gene (GUS)	
☐	Green fluorescent protein	
☐	Luciferase gene	
☒	All of the given	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

Click to Save Answer & Move to Next Question



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Quiz Start Time: 02:42 AM, 08 February 2021

Question # 9 of 10 (Start time: 02:48:32 AM, 08 February 2021)

Total Marks: 1

A few shortcomings or disadvantages in the autologous cell transplantation as _____

Select the correct option

- ☐ The availability of required cells to be transplanted are found in very low in numbers
- ☐ The genetic disease-suitable autologous cells are not available
- ☐ The older patients do not have sufficient numbers of autologous cells to be used for cell transplantation
- ☒ All of the given

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

Click to Save Answer & Move to Next Question



BT501:Quiz No2

Quiz Start Time: 02:42 AM, 08 February 2021

Question # 10 of 10 (Start time: 02:49:37 AM, 08 February 2021)

Total Marks: 1

Following are the common causes for secondary immunodeficiency , except

Select the correct option

- ☐ Malnutrition
- ☐ Aging
- ☐ Particular medications
- ☒ Autosomal recessive disorders

Answer solved by Amaan Khan
Contact: 0305-4716616
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Click to Save Answer & Move to Next Question

