

sec(s)

BT301:Quiz No.1

Quiz Start Time: 03:24 AM, 19 August 2020

Question # 1 of 10 (Start time: 03:24:56 AM, 19 August 2020)

Total Marks: 1

In chromosome jumping, the DNA of interest is identified, cut into fragments with restriction enzymes and

Select the correct option

- | | | |
|----------------------------------|--------------|--|
| ☐ | Straighten | |
| ☐ | Breaks down | |
| ☐ | Elongates | |
| ☒ | Circularized | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |

Click to Save Answer & Move to Next Question

Question # 2 of 10 (Start time: 03:25:42 AM, 19 August 2020)

Total Marks: 1

Major screening strategies involve _____

Select the correct option



Genetic methods



Sequence-dependent screenings



Screening expression libraries



All of these

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

Click to Save Answer & Move to Next Question



Question # 3 of 10 (Start time: 03:26:23 AM, 19 August 2020)

Total Marks: 1

Immunochemical screening involves the use of

Select the correct option

- | | | |
|----------------------------------|------------|--|
| ☐ | PCR | |
| ☐ | Antigens | |
| ☒ | Antibodies | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| ☐ | DNA | |

Click to Save Answer & Move to Next Question

Question # 3 of 10 (Start time: 03:37:09 AM, 19 August 2020)

Total Marks: 1

Functional complementation is also possible in

Select the correct option

☐	Artificial animals and plants	
☐	Non-Transgenic animals and plants	
☒	Transgenic animals and plants	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Transgenic mitochondria	

Click to Save Answer & Move to Next Question

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BT301:Quiz No.1

Quiz Start Time: 03:36 AM, 19 August 2020

Question # 1 of 10 (Start time: 03:36:37 AM, 19 August 2020)

Total Marks: 1

cDNA is sequence which lacks _____ sequences.

Select the correct option

☒	introns	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	
☐	exons		
☐	untranslated exons		
☐	exons only		

Click to Save Answer & Move to Next Question

sec(s)

BT301:Quiz No.1

Quiz Start Time: 03:24 AM, 19 August 2020

Question # 5 of 10 (Start time: 03:27:55 AM, 19 August 2020)

Total Marks: 1

Genomic DNA library is constructed using _____ cloning vectors

Select the correct option



low capacity



high capacity

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



low copy number



low copy and capacity



Click to Save Answer & Move to Next Question



sec(s)

BT301:Quiz No.1

Quiz Start Time: 03:36 AM, 19 August 2020

Question # 4 of 10 (Start time: 03:37:58 AM, 19 August 2020)

Total Marks: 1

To isolate specific clone, PCR is carried out with gene-specific primers

Select the correct option

☒	gene-specific primers	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	
☐	simple primers		
☐	special primers		
☐	universal primers		

Click to Save Answer & Move to Next Question

sec(s)

BT301:Quiz No.1

Quiz Start Time: 03:36 AM, 19 August 2020

Question # 8 of 10 (Start time: 03:41:41 AM, 19 August 2020)

Total Marks: 1

Synthesis of cDNA from RNA is done using _____

Select the correct option

☒	RT-PCR	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	
☐	inverse-PCR		
☐	reverse-PCR		
☐	qPCR		

Click to Save Answer & Move to Next Question

Question # 7 of 10 (Start time: 03:41:03 AM, 19 August 2020)

Total Marks: 1

A great advantage of hybridization for library screening is that it is

Select the correct option

- ☐ Difficult
- ☒ Versatile
- ☐ Good
- ☐ Unique

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: 03:42:11 AM, 19 August 2020)

Total Marks: 1

cDNA library is representative of the ____ population of the derived host

Select the correct option

☒	RNA	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com	
☐	DNA		
☐	DNA & RNA		
☐	proteins		

 Click to Save Answer & Move to Next Question

Question # 9 of 10 (Start time: 03:41:58 AM, 19 August 2020)

Total Marks: 1

Immunochemical screening involves the use of

Select the correct option

- | | | |
|----------------------------------|------------|---|
| ☐ | PCR | |
| ☐ | Antigens | |
| ☒ | Antibodies | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| ☐ | DNA | |

Click to Save Answer & Move to Next Question

sec(S)

BT301:Quiz No.1

Quiz Start Time: 03:36 AM, 19 August 2020

Question # 5 of 10 (Start time: 03:39:04 AM, 19 August 2020)

Total Marks: 1

For _____ libraries, the correct orientation can be achieved by self-priming method by adding linker molecule to double stranded cDNA

Select the correct option

☐	protein expression	
☐	mRNA expression	
☐	genome expression	
☒	cDNA expression	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com



Click to Save Answer & Move to Next Question

sec(s)

BT301:Quiz No.1

Quiz Start Time: 03:36 AM, 19 August 2020

Question # 6 of 10 (Start time: 03:40:15 AM, 19 August 2020)

Total Marks: 1

_____ depends upon transcription of appropriate gene, efficient translation of mRNA and in many cases, post-translational processing and compartmentalization of nascent polypeptide.

Select the correct option



Synthesis of genome



Synthesis of functional DNA



Synthesis of functional RNA



Synthesis of functional protein

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

Click to Save Answer & Move to Next Question

Question # 2 of 10 (Start time: 03:36:55 AM, 19 August 2020)

Total Marks: 1

If DNA library is established using expression vectors, each individual clone can be expressed to yield a

Select the correct option

☐	Dipeptide	
☐	Monopeptide	
☒	Polypeptide	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
☐	Nucleotide	

Click to Save Answer & Move to Next Question

Question # 9 of 10 (Start time: 09:40:43 AM, 19 August 2020)

Total Marks: 1

To isolate specific clone, PCR is carried out with gene-specific primers

Select the correct option

- | | |
|----------------------------------|-----------------------|
| ☒ | gene-specific primers |
| ☐ | simple primers |
| ☐ | special primers |
| ☐ | universal primers |

Click to Save Answer & Move to Next Question

Question # 3 of 10 (Start time: 09:37:57 AM, 19 August 2020)

Total Marks: 1

For ____ libraries, the correct orientation can be achieved by self-priming method by adding linker molecule to double stranded cDNA .

Select the correct option



protein expression



mRNA expression



genome expression



cDNA expression

Click to Save Answer & Move to Next Question

Question # 1 of 10 (Start time: 09:37:11 AM, 19 August 2020)

Total Marks: 1

Genomic DNA library is constructed using _____ cloning vectors

Select the correct option

- | | |
|----------------------------------|-----------------------|
| ☐ | low capacity |
| ☒ | high capacity |
| ☐ | low copy number |
| ☐ | low copy and capacity |

Click to Save Answer & Move to Next Question

Question # 6 of 10 (Start time: 09:38:35 AM, 19 August 2020)

Total Marks: 1

cDNA library is representative of the ____ population of the derived host

Select the correct option

☒	RNA
☐	DNA
☐	DNA & RNA
☐	proteins

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

Question # 8 of 10 (Start time: 09:39:59 AM, 19 August 2020)

Total Marks: 1

This is the process by which a particular DNA sequence compensates for a missing function in a mutant cell and thus restores the wild type phenotype.

Select the correct option

☐	Functional genomics	0.00
☐	Functional analysis	0.00
☒	Functional complementation	0.00
☐	Non-Functional complementation	0.00

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

Immunochemical screening involves the use of

- ☐ PCR
- ☐ Antigens
- ☒ Antibodies
- ☐ DNA

0800 777 777

Total Volume =





X Quiz
quiz.vu.edu.pk



MCQs/QUESTIONS: NAZIA KALAMSHAH

ATTEND Quiz No. 1

Quiz Start Time: 08:55 AM, 19 August 2020

Time Left: 37 seconds

Questions: 4 of 10 (20% correct: 08:56:21 AM, 19 August 2020)

Total Marks: 10

To isolate specific clone, PCR is carried out with gene-specific primers

Select the correct option

☒ gene-specific primers☐ simple primers☐ special primers☐ universal primers

Click to Show Answer & Move to Next Question

For _____ libraries, the correct orientation can be achieved by self priming method by adding linker molecule to double stranded cDNA

- ☐ protein expression
- ☐ mRNA expression
- ☐ genome expression
- ☒ cDNA expression



Quiz

quiz.vu.edu.pk



YR04D4515: NAZIA MAHWISH

Time Left: 21

Quiz No. 1

Quiz Start Time: 08:55 AM, 19 August 2020

Question 2 of 10 (Start time: 08:57:08 AM, 19 August 2020)

Total Marks:

Chromosome Walking, In human genome, the starting point may be

Select the correct option

- ☐ Cleaved Amplified Polymorphic Sequence (CAPS)
- ☐ single-nucleotide polymorphisms (SNPs)
- ☒ restriction fragment length polymorphism (RFLP)
- ☐ Amplified fragment length polymorphism (AFLP)



Click to Save Answer & Move to Next Question

A great advantage of hybridization for library screening is that it is

Select the correct option

- ☐ Difficult
- ☒ Versatile
- ☐ Good
- ☐ Unique

Question # 7 of 10 (Start time: 09:39:00 AM, 19 August 2020)

Total Marks: 1

It is much more convenient to use _____, because these have a higher capacity and the efficiency of in vitro packaging

Select the correct option

☐	bacteriophage simple insertion vectors	0
☐	Bacteriophage-EColi insertion vectors	0
☐	Bacteriophage- λ deletion vectors	0
☒	Bacteriophage- λ insertion vectors	1

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

Question # 5 of 10 (Start time: 09:38:22 AM, 19 August 2020)

Total Marks: 1

cDNA is sequence which lacks _____ sequences.

Select the correct option

☒	introns
☐	exons
☐	untranslated exons
☐	exons only

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

Question # 4 of 10 (Start time: 09:38:09 AM, 19 August 2020)

Total Marks: 1

Major screening strategies involve ____

Select the correct option

- | | |
|----------------------------------|--------------------------------|
| ☐ | Genetic methods |
| ☐ | Sequence-dependent screenings |
| ☐ | Screening expression libraries |
| ☒ | All of these |

Click to Save Answer & Move to Next Question

Question # 10 of 10 (Start time: 09:40:58 AM, 19 August 2020)

Total Marks: 1

_____ depends upon transcription of appropriate gene, efficient translation of mRNA and in many cases, post-translational processing and compartmentalization of nascent polypeptide.

Select the correct option

☐	Synthesis of genome	0
☐	Synthesis of functional DNA	0
☐	Synthesis of functional RNA	0
☒	Synthesis of functional protein	1

Click to Save Answer & Move to Next Question

Question # 2 of 10 (Start time: 09:37:36 AM, 19 August 2020)

Total Marks: 1

Benton and Davis (1977) devised a method called

Select the correct option

☒	Plaque lift
☐	Plaque down
☐	Plaque up
☐	Plaque rite

Click to Save Answer & Move to Next Question