

VU Medical Zone

ZOO 505 Quiz no 2 Spring 2021

ZOO505:Quiz No 2

Quiz Start Time: 02:23 PM, 03 August 2021

Question # 1 of 10 (Start time: 02:23:28 PM, 03 August 2021)

Total Marks: 1

In transcription, the process is same in both prokaryotes and eukaryotes but the ____ is different.

Select the correct option

- | | | |
|----------------------------------|----------------|--|
| <input type="radio"/> | genetic makeup | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | nucleotides | |
| <input type="radio"/> | steps | |
| <input checked="" type="radio"/> | machinery | |

Windows taskbar showing search bar, task view, and system tray with date 2:24 PM 8/3/2021 and weather 34°C Mostly cloudy.

ZOO505:Quiz No 2

Quiz Start Time: 02:23 PM, 03 August 2021

Question # 2 of 10 (Start time: 02:24:52 PM, 03 August 2021)

Total Marks: 1

In eukaryotes, introns are_____.

Select the correct option

- | | | |
|----------------------------------|--------------------|--|
| <input type="radio"/> | replica sequence | |
| <input checked="" type="radio"/> | noncoding sequence | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | block of genes | |
| <input type="radio"/> | coding sequence | |

Windows taskbar showing search bar, task view, and system tray with date 2:26 PM 8/3/2021 and weather 34°C Mostly cloudy.

EFFORT BY AMAAN KHAN

VU Medical Zone

ZOO505:Quiz No 2

Quiz Start Time: 02:23 PM, 03 August 2021

Question # 3 of 10 (Start time: 02:26:47 PM, 03 August 2021)

Total Marks: 1

In the formation of preinitiation complex, the strongest binding is found between ____.

Select the correct option

- TBB and TATA
- preinitiation complex
- TAF and TBF
- TBP and TATA

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

ZOO505:Quiz No 2

Quiz Start Time: 02:23 PM, 03 August 2021

Question # 4 of 10 (Start time: 02:28:09 PM, 03 August 2021)

Total Marks: 1

Hairpin stem loop is formed in the process of ____.

Select the correct option

- transcription
- replication
- translation
- respiration

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

EFFORT BY AMAAN KHAN

VU Medical Zone

ZOO505:Quiz No 2

Quiz Start Time: 02:23 PM, 03 August 2021

Question # 5 of 10 (Start time: 02:29:18 PM, 03 August 2021)

Total Marks: 1

TFIIH are _____

Select the correct option

phosphorylases

reductases

kinases

oxidases

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

ZOO505:Quiz No 2

Quiz Start Time: 02:23 PM, 03 August 2021

Question # 6 of 10 (Start time: 02:30:10 PM, 03 August 2021)

Total Marks: 1

The removal of intron is done by linear and lariat patterns.

Select the correct option

false statement

true statement

both are wrong

only linear patterns are seen

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

EFFORT BY AMAAN KHAN

VU Medical Zone

ZOO505:Quiz No 2

Quiz Start Time: 02:23 PM, 03 August 2021

Question # 7 of 10 (Start time: 02:31:11 PM, 03 August 2021)

Total Marks: 1

Crystal structure of yeast mediator reveals that it contains ___ subunits.

Select the correct option

- 6
- 7 **Answer solved by Amaan Khan**
Contact: 0305-4716616
Email: maniamaan2@gmail.com
- 8
- 5

Type here to search

34°C Mostly cloudy 2:31 PM 8/3/2021

ZOO505:Quiz No 2

Quiz Start Time: 02:23 PM, 03 August 2021

Question # 8 of 10 (Start time: 02:31:35 PM, 03 August 2021)

Total Marks: 1

TFIIIC is responsible for recruiting ___ in the process of transcription.

Select the correct option

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

Type here to search

34°C Mostly cloudy 2:32 PM 8/3/2021

EFFORT BY AMAAN KHAN

VU Medical Zone

ZOO505:Quiz No 2

Quiz Start Time: 02:23 PM, 03 August 2021

Question # 9 of 10 (Start time: 02:32:52 PM, 03 August 2021)

Total Marks: 1

During the process of intron removal, ____ is formed.

Select the correct option

- ester
- nick
- splice site
- lariat

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

Type here to search

34°C Mostly cloudy 2:34 PM 8/3/2021

ZOO505:Quiz No 2

Quiz Start Time: 02:23 PM, 03 August 2021

Question # 10 of 10 (Start time: 02:34:00 PM, 03 August 2021)

Total Marks: 1

Series of three nucleotides is called ____.

Select the correct option

- replica sequence
- tRNA
- coding sequence
- noncoding sequence

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

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34°C Mostly cloudy 2:34 PM 8/3/2021

EFFORT BY AMAAN KHAN

VU Medical Zone

ZOO505:Quiz No 2

Quiz Start Time: 04:02 PM, 03 August 2021

Question # 1 of 10 (Start time: 04:02:52 PM, 03 August 2021)

Total Marks: 1

In eukaryotes, introns are_____.

Select the correct option

- coding sequence
 - block of genes
 - replica sequence
 - noncoding sequence
- Answer solved by Amaan Khan**
Contact: 0305-4716616
Email: maniamaan2@gmail.com

ZOO505:Quiz No 2

Quiz Start Time: 04:02 PM, 03 August 2021

Question # 2 of 10 (Start time: 04:03:16 PM, 03 August 2021)

Total Marks: 1

In _____, transcription factors help polymerase in binding to promoter and also help in melting of DNA.

Select the correct option

- translation termination
 - replication initiation
 - elongation of RNA
 - pre-initiation complex
- Answer solved by Amaan Khan**
Contact: 0305-4716616
Email: maniamaan2@gmail.com

EFFORT BY AMAAN KHAN

VU Medical Zone

ZOO505:Quiz No 2

Quiz Start Time: 04:02 PM, 03 August 2021

Question # 3 of 10 (Start time: 04:03:31 PM, 03 August 2021)

Total Marks: 1

Which of the following is an example of huge molecular machine?

Select the correct option

<input type="radio"/>	polymerase	
<input checked="" type="radio"/>	spliceosome	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com
<input type="radio"/>	RNAse	
<input type="radio"/>	DNAse	

Type here to search

30°C Light rain 4:03 PM 8/3/2021

ZOO505:Quiz No 2

Quiz Start Time: 04:02 PM, 03 August 2021

Question # 4 of 10 (Start time: 04:03:47 PM, 03 August 2021)

Total Marks: 1

The RNA that attaches with one amino acid is called ____.

Select the correct option

<input type="radio"/>	snRNA	
<input type="radio"/>	rRNA	
<input type="radio"/>	mRNA	
<input checked="" type="radio"/>	tRNA	Answer solved by Amaan Khan Contact: 0305-4716616 Email: maniamaan2@gmail.com

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EFFORT BY AMAAN KHAN

VU Medical Zone

ZOO505:Quiz No 2

Quiz Start Time: 04:02 PM, 03 August 2021

Question # 5 of 10 (Start time: 04:04:45 PM, 03 August 2021)

Total Marks: 1

The terminator sequence in protein synthesis has ____ rich regions

Select the correct option

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

ZOO505:Quiz No 2

Quiz Start Time: 04:02 PM, 03 August 2021

Question # 6 of 10 (Start time: 04:06:29 PM, 03 August 2021)

Total Marks: 1

To terminate transcription, Rho must move over ____ to reach polymerase.

Select the correct option

- helicase
- lagging strand
- DNA template
- elongating RNA
Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com

EFFORT BY AMAAN KHAN

VU Medical Zone

ZOO505:Quiz No 2

Quiz Start Time: 04:02 PM, 03 August 2021

Question # 7 of 10 (Start time: 04:08:03 PM, 03 August 2021)

Total Marks: 1

The removal of introns by introns itself through specific conformation is called _____.

Select the correct option

- | | |
|----------------------------------|--------------------|
| <input type="radio"/> | Normal splicing |
| <input type="radio"/> | Relatable splicing |
| <input checked="" type="radio"/> | Self - splicing |
| <input type="radio"/> | Intron removal |

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

Type here to search

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8/3/2021

EFFORT BY AMAAN KHAN

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ZOO505:Quiz No 2

Quiz Start Time: 04:09 PM, 03 August 2021

Question # 1 of 10 (Start time: 04:09:47 PM, 03 August 2021)

Total Marks: 1

TFIIIF function as ____ in the ATPase driven process.

Select the correct option

- inducer
 - initiator
 - terminator
 - translocator
- Answer solved by Amaan Khan**
Contact: 0305-4716616
Email: maniamaan2@gmail.com

ZOO505:Quiz No 2

Quiz Start Time: 04:09 PM, 03 August 2021

Question # 5 of 10 (Start time: 04:11:18 PM, 03 August 2021)

Total Marks: 1

Amino acids must attach to adapter molecules before peptide formation, it was proposed in ____.

Select the correct option

- 1945
 - 1956
 - 1845
 - 1955
- Answer solved by Amaan Khan**
Contact: 0305-4716616
Email: maniamaan2@gmail.com

EFFORT BY AMAAN KHAN

VU Medical Zone

ZOO505:Quiz No 2

Quiz Start Time: 04:09 PM, 03 August 2021

Question # 8 of 10 (Start time: 04:12:28 PM, 03 August 2021)

Total Marks: 1

Amino acid binding with tRNA is done by _____.

Select the correct option

- | | |
|----------------------------------|------------|
| <input type="radio"/> | oxidase |
| <input type="radio"/> | reductase |
| <input checked="" type="radio"/> | synthetase |
| <input type="radio"/> | peptidase |

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

Type here to search

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EFFORT BY AMAAN KHAN

VU Medical Zone

ZOO505:Quiz No 2

Quiz Start Time: 03:54 PM, 03 August 2021

Question # 1 of 10 (Start time: 03:54:25 PM, 03 August 2021)

Total Marks: 1

Alternatively, the transcriptional regulatory proteins are also known as ____.

Select the correct option

- stabilizers
 - regulators
 - enhancers
 - activators
- Answer solved by Amaan Khan**
Contact: 0305-4716616
Email: maniamaan2@gmail.com

ZOO505:Quiz No 2

Quiz Start Time: 03:54 PM, 03 August 2021

Question # 3 of 10 (Start time: 03:54:51 PM, 03 August 2021)

Total Marks: 1

What is the meaning of aberrant splicing?

Select the correct option

- normal splicing
 - wrong splicing
 - correct splicing
 - accurate splicing
- Answer solved by Amaan Khan**
Contact: 0305-4716616
Email: maniamaan2@gmail.com

EFFORT BY AMAAN KHAN

VU Medical Zone

ZOO505:Quiz No 2

Quiz Start Time: 03:54 PM, 03 August 2021

Question # 4 of 10 (Start time: 03:56:31 PM, 03 August 2021)

Total Marks: 1

In eukaryotes, introns are _____.

Select the correct option

- coding sequence
- noncoding sequence
- replica sequence
- block of genes

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

ZOO505:Quiz No 2

Quiz Start Time: 03:54 PM, 03 August 2021

Question # 5 of 10 (Start time: 03:56:44 PM, 03 August 2021)

Total Marks: 1

During the process of transcription TFIIIS performs the function of -----.

Select the correct option

- polymerisation
- uncoiling
- nick binding
- proofreading

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

EFFORT BY AMAAN KHAN

VU Medical Zone

ZOO505:Quiz No 2

Quiz Start Time: 03:54 PM, 03 August 2021

Question # 6 of 10 (Start time: 03:57:17 PM, 03 August 2021)

Total Marks: 1

During the process of intron removal, ____ is formed.

Select the correct option

- | | | |
|----------------------------------|-------------|--|
| <input type="radio"/> | lariat | |
| <input type="radio"/> | nick | |
| <input checked="" type="radio"/> | splice site | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | ester | |

Windows taskbar showing search bar, taskbar icons, system tray with weather (30°C Light rain), time (3:57 PM 8/3/2021), and notification area.

ZOO505:Quiz No 2

Quiz Start Time: 03:54 PM, 03 August 2021

Question # 8 of 10 (Start time: 03:57:35 PM, 03 August 2021)

Total Marks: 1

Which of the following is an example of huge molecular machine?

Select the correct option

- | | | |
|----------------------------------|-------------|--|
| <input checked="" type="radio"/> | spliceosome | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | RNAse | |
| <input type="radio"/> | polymerase | |
| <input type="radio"/> | DNAse | |

Windows taskbar showing search bar, taskbar icons, system tray with weather (30°C Light rain), time (3:57 PM 8/3/2021), and notification area.

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VU Medical Zone

ZOO505:Quiz No 2

Quiz Start Time: 03:54 PM, 03 August 2021

Question # 10 of 10 (Start time: 03:58:21 PM, 03 August 2021)

Total Marks: 1

_____ binds with block A and block B of tRNA in the process of transcription.

Select the correct option

<input type="radio"/>	TFIIIC
<input type="radio"/>	TFIIC
<input type="radio"/>	TFIIB
<input checked="" type="radio"/>	TFIIB

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

Type here to search

30°C Light rain 3:59 PM 8/3/2021

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ZOO505:Quiz No 2

Quiz Start Time: 03:46 PM, 03 August 2021

Question # 1 of 10 (Start time: 03:46:21 PM, 03 August 2021)

Total Marks: 1

In _____, transcription factors help polymerase in binding to promoter and also help in melting of DNA.

Select the correct option

- | | | |
|----------------------------------|-------------------------|--|
| <input checked="" type="radio"/> | pre-initiation complex | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | elongation of RNA | |
| <input type="radio"/> | translation termination | |
| <input type="radio"/> | replication initiation | |

Windows taskbar showing search bar, task icons, system tray with weather (32°C Mostly cloudy), time (3:47 PM), and date (8/3/2021).

ZOO505:Quiz No 2

Quiz Start Time: 03:46 PM, 03 August 2021

Question # 2 of 10 (Start time: 03:47:13 PM, 03 August 2021)

Total Marks: 1

In transcription, the process is same in both prokaryotes and eukaryotes but the _____ is different.

Select the correct option

- | | | |
|----------------------------------|----------------|--|
| <input type="radio"/> | genetic makeup | |
| <input type="radio"/> | steps | |
| <input checked="" type="radio"/> | machinery | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | nucleotides | |

Windows taskbar showing search bar, task icons, system tray with weather (32°C Mostly cloudy), time (3:48 PM), and date (8/3/2021).

EFFORT BY AMAAN KHAN

VU Medical Zone

ZOO505:Quiz No 2

Quiz Start Time: 03:46 PM, 03 August 2021

Question # 3 of 10 (Start time: 03:48:22 PM, 03 August 2021)

Total Marks: 1

The binding between the TFB-TATA and TFIIIB is _____.

Select the correct option

<input type="radio"/>	linear
<input type="radio"/>	regular
<input checked="" type="radio"/>	asymmetric
<input type="radio"/>	symetric

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

ZOO505:Quiz No 2

Quiz Start Time: 03:46 PM, 03 August 2021

Question # 4 of 10 (Start time: 03:49:56 PM, 03 August 2021)

Total Marks: 1

Crystal structure of yeast mediator reveals that it contains ___ subunits.

Select the correct option

<input checked="" type="radio"/>	7
<input type="radio"/>	5
<input type="radio"/>	8
<input type="radio"/>	6

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

EFFORT BY AMAAN KHAN

VU Medical Zone

ZOO505:Quiz No 2

Quiz Start Time: 03:46 PM, 03 August 2021

Question # 5 of 10 (Start time: 03:50:10 PM, 03 August 2021)

Total Marks: 1

In the formation of preinitiation complex, the strongest binding is found between ____.

Select the correct option

- | | | |
|----------------------------------|-----------------------|--|
| <input type="radio"/> | preinitiation complex | |
| <input checked="" type="radio"/> | TBP and TATA | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | TBB and TATA | |
| <input type="radio"/> | TAF and TBF | |

ZOO505:Quiz No 2

Quiz Start Time: 03:46 PM, 03 August 2021

Question # 6 of 10 (Start time: 03:50:41 PM, 03 August 2021)

Total Marks: 1

Xrn2 is a RNAase present in ____.

Select the correct option

- | | | |
|----------------------------------|---------|--|
| <input checked="" type="radio"/> | humans | Answer solved by Amaan Khan
Contact: 0305-4716616
Email: maniamaan2@gmail.com |
| <input type="radio"/> | yeast | |
| <input type="radio"/> | animals | |
| <input type="radio"/> | fungi | |

EFFORT BY AMAAN KHAN

VU Medical Zone

ZOO505:Quiz No 2

Quiz Start Time: 03:46 PM, 03 August 2021

Question # 7 of 10 (Start time: 03:51:16 PM, 03 August 2021)

Total Marks: 1

ELL is a ____ in transcription process.

Select the correct option

- helicase
- termination factor
- elongation factor
- initiation factor

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

ZOO505:Quiz No 2

Quiz Start Time: 03:46 PM, 03 August 2021

Question # 8 of 10 (Start time: 03:52:19 PM, 03 August 2021)

Total Marks: 1

The removal of intron is done by linear and lariat patterns.

Select the correct option

- both are wrong
- only linear patterns are seen
- false statement
- true statement

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

EFFORT BY AMAAN KHAN

VU Medical Zone

ZOO505:Quiz No 2

sec(s)
Quiz Start Time: 03:46 PM, 03 August 2021

Question # 9 of 10 (Start time: 03:52:36 PM, 03 August 2021)

Total Marks: 1

Series of three nucleotides is called ____.

Select the correct option

- noncoding sequence
- replica sequence
- coding sequence
- tRNA

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

ZOO505:Quiz No 2

sec(s)
Quiz Start Time: 03:46 PM, 03 August 2021

Question # 10 of 10 (Start time: 03:52:49 PM, 03 August 2021)

Total Marks: 1

Alternatively, the transcriptional regulatory proteins are also known as ____.

Select the correct option

- activators
- regulators
- enhancers
- stabilizers

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

EFFORT BY AMAAN KHAN