Bif 501 mid term

Mcqs

ORF stands for

IUB stands for

PAM stands for

3 nucleotides code for.... Aminoacids

Endosymbiots hypothesis purposed in...

SINES are ... Bp long

RNA is ... Single strand

In order to predict exone we need to get...

Bypass is the type of algorithm

Median string problem is one of the way tp find..

Gel electrophoresis used to fined

Baqi bhool gay

Questions:

Partial digestion and complete digestion. 2 marks

Tendem repeats and interspersed repeats. 2 marks

In frame hexamer 3 marks

Waardengrb syndrome 5 marks

Cluster analysis. 5marks

BIF501

Timing (2:30 pm)

1) Dynamic programing? 2

2) Synteny? 2

3) Synteny of mouse and human X chromosome? 3

4) Six applications of Bioinformatics? 3

5) Local alignment problems? 5

6) Note on endosymbiont hypothesis? 5

Write a note on uniprot? 2 mrks
2. write a note on proteome and its advantages? 5 mrks
3. Annotations of transponsable element? 3 mrks
4. Wardenburg ,s syndrome? 5 mrks
5. Edit graph? 3 mrks

note on DDJB embi

six model organism

dna comparison

edit distance with example

#BIF501 #Midterm_Current_Paper_Spring_2019 15 June 8 AM
1.LINES and SINES
2.Euchromatin and heterochromatin differences
3.Collinear arrangement of nucleotides
4. Bypass algorithm its advantages
5.Local alignment problem
6. Enzyme commission numbers with example
Mcqs saray past se thy almost
[15/06 10:01 am] Alvi: BIF 501:
8:00 AM
15-06-2019
Q.No 1: Genome and genome informatics? Mrks 2
Q.No 2: Why we can not use brute force approch motif? 2 mrks
Q No 3: Six model of organisms?mrks 3
Q No 4: diff btwn genebank, EMBL, DDJB? Mrks3
Q No 5: diff btwn indels, insertion and deletion in an alignment? 5 mrks
Q No 6: note on splice signls? Mrks 5
HN
[15/06 10:03 am] Alvi: BIF 501:
8:00 AM
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Bif 8am:by pass algorithm,lines and sines, chromatin and heterochromatin,

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image: https://api.ning.com/files/bR8nA-I0SJG6CIZy-G9bFxGXvn7hyT4N02K91fZsBDwSAIVAhU74oiWF5BLjEKrNuuwmyDKushBjV7-opkYm*m2jWzSgMBAS/ddd.png?size=64&crop=1%3A1

Permalink Reply by + M.Tariq Malik on December 13, 2017 at 6:53pm

BIF501
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solved paper

Attachments:

- image: http://static.ning.com/socialnetworkmain/widgets/forum/gfx/fileicons/file.gif?xn_version=4063921297
  bif501 solve pst paper.docx, 26 KB

- image: https://storage.ning.com/topology/rest/1.0/file/get/2742202890?profile=RESIZE_180x180&width=48&height=48&crop=1%3A1



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BIF501 VU Solved Mid Term Papers, BIF501 Solved MCQs
Link BIF501

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Permalink Reply by + M.Tariq Malik on December 13, 2017 at 6:56pm

BIF501 Some Midterm papers

bif501

1_short note on centromere and telomere
2_list 4 amino acids that are mutable
3_describe role of EcoR1 restriction enzyme and restriction fragments
4_differentiate brute force and greedy approaches
5_short note on Genebank, EMBI, DDJB
6_Note on wardenberg syndrome

-

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Permalink Reply by + M.Tariq Malik on December 13, 2017 at 6:56pm

Bif501 22. Decemeber
Two way of sequence submissions in ncbi
Describe synteny of human X chromosome
Short note on transposable elements
Describes the diagonal edges of edit graph in lcs
Note on gold bug theory
Note on splicing sites in ecor1 with algorithm examplfy

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Permalink Reply by + M.Tariq Malik on December 13, 2017 at 6:57pm

bif501
1-brute force algorithm
2-cystic fibrosis
3-difference in eu,aryotic and prokaryotic genome
4-bypass algorithm and its adavantages
5-gene synteny. Advantages and how it can be changed
6- start and stop codins and their puspose

-

image: https://storage.ning.com/topology/rest/1.0/file/get/2742202890?profile=RESIZE_180x180&width=48&height=48&crop=1%3A1



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bif501 quiz 2017

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Question # 2 of 10 (Start time: 04:34:50 PM, 01 December 2017)

Median String Problem is one of the ways to find .....

Select the correct option

- MSA
- Phylogenetic tree
- Protein Model
- Motif

image: http://storage.ning.com/topology/rest/1.0/file/get/1938193225?profile=original

Question # 3 of 10 (Start time: 04:35:16 PM, 01 December 2

Pre-order algorithm is a .....

Select the correct option

- (●) Non-recursive
- ( ) Recursive
- ( ) Brute force
- ( ) None of these

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Question # 1 of 10 (Start time: 04:34:24 PM, 01 December 2017)

Genome rearrangement results in change of gene .....

Select the correct option

●	Order
○	Duplication
○	Transfer
	All of these

image: http://storage.ning.com/topology/rest/1.0/file/get/1938197245?profile=original

Question # 4 of 10 (Start time: 04:35:40 PM, 01 December 2017)

Gel electrophoresis may be used to measure ..... Of restriction fragmer

Select the correct option

- ○ Volum
- ● Size
- ○ Diameter
- ○ Distance

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Question # 5 of 10 (Start time: 04:35:58 PM, 01 December 2017)

Simple Motif Search Algorithm is based on .....

Select the correct option

- ○ Branch and Bound
- ● Next Vertex
- ○ Brute Force
- ○ Search Trees

image: http://storage.ning.com/topology/rest/1.0/file/get/1938197692?profile=original

Question # 6 of 10 (Start time: 04:36:18 PM, 01 December 2

Simple Motif Search Algorithm is based on .....

Select the correct option

- ○ Branch and Bound
- ○ Next Vertex
- ○ Brute Force
- ○ None of these

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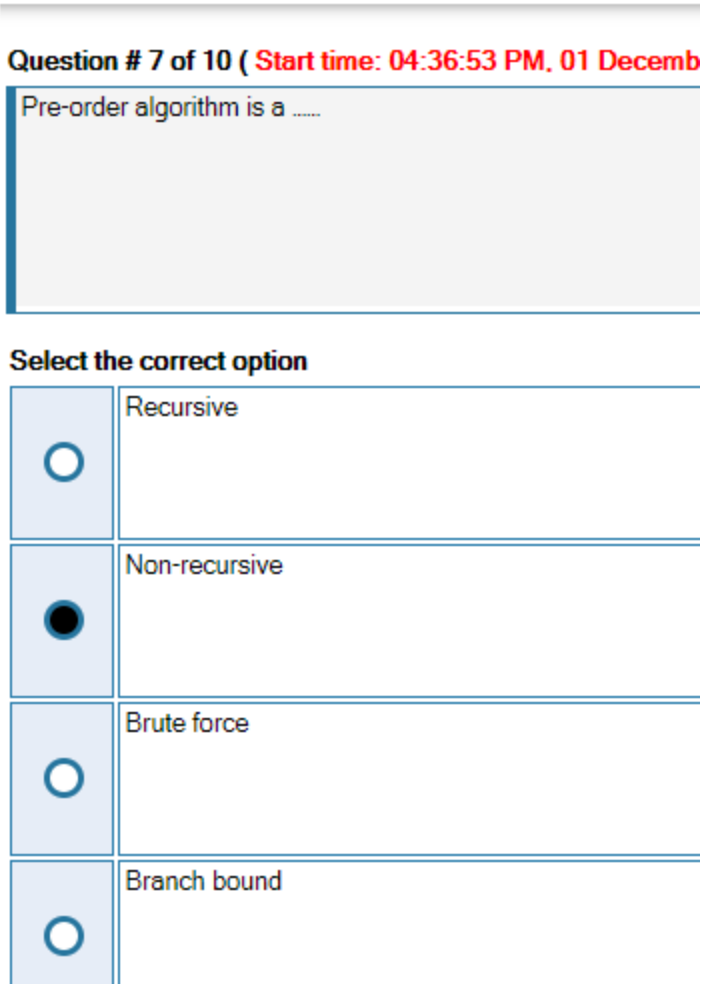


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Question # 8 of 10 (Start time: 04:37:13 PM, 01 Decemt

Consensus score is defined as .....

Select the correct option

- (●) Score(s,DNA)
- ( ) Score(s, Promoter)
- ( ) Score(s,Enhancer)
- ( ) Score(s, Sequencer)

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Question # 10 of 10 (Start time: 04:38:36 PM. (

Restriction enzymes break DNA molecule at .....

Select the correct option

- Specific location
- Random location
- Promoter region
- None of these

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ZOO501:Quiz No.1

Question # 2 of 10 (Start time: 08:19:17 PM, 13 November 2017)

Which of the followings divides mitotically to produce all the cells of the body.

Select the correct option

○	Embryo
●	Zygote
○	Sperm
○	Egg



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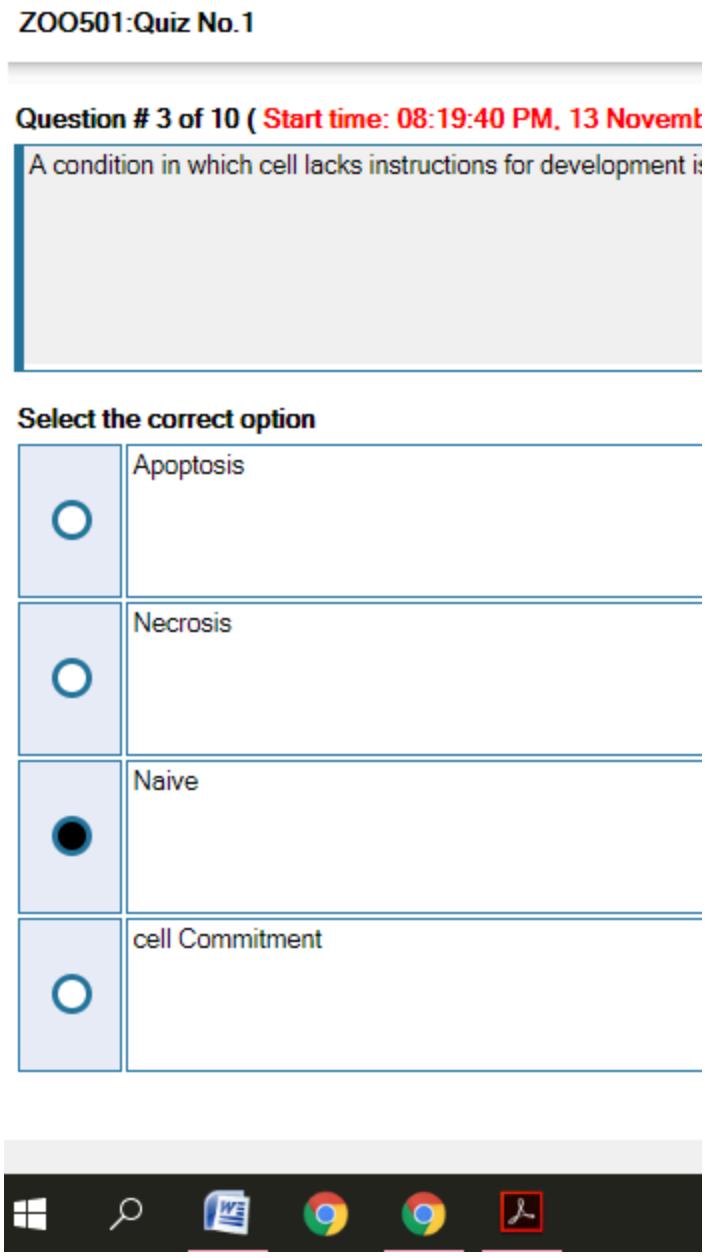


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Question # 4 of 10 (Start time: 08:20:16 PM, 13 November 2017)

Autonomous specification was first time observed by....

Select the correct option

○	Alexander Fleming
○	Charles Darwin
○	Ernest Hackel
●	Laurent Chabry

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Question # 5 of 10 (Start time: 08:21:12 PM, 13 November 2017)

Division of embryo leads to how many layers during process of development

Select the correct option

- ○ One layer
- ○ Two layers
- ● Three layers
- ○ Four layers



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Question # 1 of 10 (Start time: 08:18:54 PM, 13 November 2017)

The pattern of Mosaic development arises from.....

Select the correct option

●	Autonomous specification
○	Conditional specification
○	Non conditional specification
○	Syncytial specification

image: http://storage.ning.com/topology/rest/1.0/file/get/1802075252?profile=original

Question # 6 of 10 (Start time: 08:21:31 PM, 13 November 2017

The study of developmental abnormalities comes under category of...

Select the correct option

- Embryology
- Ichthyology
- Teratology
- Ornithology

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Question # 7 of 10 (Start time: 08:21:59 PM, 13 November 2017)

The science that deals with study of birth defects is called as...

Select the correct option

○	Embryology
○	Anatomy
○	Physiology
●	Teratology

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Question # 8 of 10 (Start time: 08:22:26 PM, 13 November 2017)

J. R. Whitaker worked on blastomeres to checkout which of the following enzyme?

Select the correct option

- ○ Phosphatase
- ○ Kinase
- ● Acetylcholinesterase
- ○ Mutase

image: http://storage.ning.com/topology/rest/1.0/file/get/1802080990?profile=original

Question # 9 of 10 (Start time: 08:22:47 PM, 13 November 2

Which mode of commitment is common in insects?

Select the correct option

- ○ Autonomic specification
- ○ Conditional specification
- ○ Non conditional specification
- ● Syncytial specification

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Question # 10 of 10 (Start time: 08:23:09 PM, 13 November 2017)

Regulative development is most critical in the development of.....

Select the correct option

- ○ Plants
- ○ Bacteria
- ○ Blue baby
- ● Identical twins

