BIO301- CURRENT PAPERS

EFFORT BY : ASMAT NIAZ AND MOMNA

GROUP ; EXCELLENT ZOOLOGIST

PAPER DATE: 28-02-2021

[8:55 AM, 2/27/2021] Khan Vu: Bio301

1Farword genetics

2 Penetrance

3 mapping techniques

4 mutations alter gene function

5 full and low penetrant

6 structural abnormalities

[8:55 AM, 2/27/2021] Khan Vu: McQs bio301

Down syndrome trisomy ans.21

Turners syndrome ans.18

Chromosomes abnormalities ma Sy thy 3 McQs

Test cross ma sy McQ tha...

[8:55 AM, 2/27/2021] Khan Vu: 5 basic pattern of inheritance 5 marks , calculation of genotypes homozygous hetrozygous for alleles 10, difference of supressor and reverse Mutations, Missense mutation , enlist 6 multifactorial diseases

[8:55 AM, 2/27/2021] Khan Vu: Oligonucleotide method of mapping of genetic disease

Penetrance, expressitive and pleiotropy in autosomal dominant inheritance variations

[8:55 AM, 2/27/2021] Khan Vu: Bio301

Multiple alleles

Types of deletion

Causes of epigenetics

Causes of non disjunction.

Application of molecular method.

Methods for mapping of diseases causing genes.

Expressitive, penetrance,pleiotropy.

How protein are denature and remove in DNA extraction. Ye h mra papr aj wla

[8:55 AM, 2/27/2021] Khan Vu: Bio301 paper 2.30

Rawalpindi campu

1.Is there any rule of mutation nomenclature

2.epigenetucs

3.epistasis

4.point mutation and effect of inserting deletion on protein type mutation

5.point mutation and variations occurs during to change in chromosome

6. Discur rules used to detect genetic disorders

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[7:43 AM, 2/28/2021] Asmat Niazi: ‼□‼□‼□‼□‼□‼□‼□‼□‼□‼□‼□‼□‼□‼□‼□‼□Today my 301 paper 2:30

Sir Arslan

In which form blood exist?(ans google kryy)

Structurral abnormalities? (ans new files jo bnai us me)

Applications of moleculer markers.. Short range? (Ans new file)

Comlication of inheritance (ans old file)

Rapd and ALFP differences?(Ans old file)

Clinical feature of down syndrome? (Search google)

Why poly allelic gene are tissue spesific?(Search google.. .)

Mcq 20 meri wali file sy thy 20 mcq ppt sy thyy...

..... Suggestion.....

Ap looog meri old file and new file kryy achyyy 301 kii jo nai hee.. Us k bad ye 4 sy 5 jo question meny likha he google kry wo aleda yaad kryy... Mcq... Apkaa paper acga hojay gaa...

‼□‼□‼□‼□‼□‼□!?□!?□!?□!?□!?□

[7:49 AM, 2/28/2021] Khan Vu: Bio301 paper at 11:30

Q:which allel produces which antigen? 2 marks

2: rules for pedigree

3:short range molecular markers 5 number ka

4: common recessive diseases 3 number ka

[7:49 AM, 2/28/2021] Khan Vu: 5: balanced and unbalanced translocations

[7:50 AM, 2/28/2021] Khan Vu: Complications of inheritance 5 marks

2)if alleles are then then calculate the no of genotype and heterozygote and homozygotes

3) types of disorders

4)single gene complications

5)what are multiple alleles give example

MCQ saary handsout sy aey thy

[7:50 AM, 2/28/2021] Khan Vu: 1: point mutation sa related tha ak McQ

2: blood gruop k the k ....triallelic

3: ak drosophila k tha k pta ni koe jisme body r wing k size sa related koe eye color wala

4: epistasis wala jisme homozygous recessive tha quiz wala ar narrow r heart shape wala tha quiz m sa

[7:50 AM, 2/28/2021] Khan Vu: 1,DNA poymorphism ,2,VNTR and its application,3,difference between linked and single gene nucleotide mutation,4ressisive mutation and its type 5,causes of chromosome and additional mutation

[7:50 AM, 2/28/2021] Khan Vu: Q.1 silent mutation...2 marks..

Q.2 ..multiple allele...2 marks

Q.3 in which form blood exist...3 marks

Q.4 down's syndrome..5 marks

Q.5. ...deletion mutation...5 marks

Q.6...non disjunction...3 marks

[7:50 AM, 2/28/2021] Khan Vu: Today paper of 301 long. Trisome and it's types.(5) Autosomal dominant ..autosomal(5) recessive multifactorial x linked recessive.. balance and unbalance translocation 3. Genetic mapping and physical mapping 2. STRp function3 disorder of autosomal domaint3 msqs few in past paper

[7:50 AM, 2/28/2021] Khan Vu: My paper Bio301

Subjective Sara sir arslan ki file sy tha...or mcqs bht kam aye thy file sy bki new thy...

Multiple allele

Polyploidy an its types

Turner syndrome

Gene mapping

Three name of genetic disorder

[7:50 AM, 2/28/2021] Khan Vu: 28-02-2021 bio 301 2:30pm mcqs tough ur conceptual tha..1- define sickle cell anemia.2- how we can identify the chromosome? 3- causes of non disjunction 4- bottom up technique 5- short rang of molecular marker 6- how suppressor mutation work in biological processes?...ya mara paper tha

[7:50 AM, 2/28/2021] Khan Vu: X.linked, autosomal recessive,autosomal dominant,multifactorial inheritance,

Autosomal recessive diseases,

Top down mapping

How genetic mapping is performed

Chromosomal non disjunction

Why poly allelic genes are tissue specific

Autopolyploidy and allopolyploidy

Mc.ques (moslty from mid)

[7:50 AM, 2/28/2021] Khan Vu: ‼□‼□‼□‼□‼□‼□‼□‼□‼□‼□‼□‼□‼□‼□‼□‼□‼□Today my 301 paper 2:30

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PAPER DATE : 27-02-2021

Genetic disorders 2 marks

Epigenetics 2 marks

Monosomy 2 marks

Structure abnormalities 5 marks

Mutation , loss of mutation, symptomatic ,5 marks

Deletion definition with example and structure abnormalities formed by it 5 marks ...mcqs were new almost...jazak Allah

[10:11 PM, 2/26/2021] Khan Vu: My bio301 paper time 7:30 am

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[10:11 PM, 2/26/2021] Khan Vu: BIO301 7:30 Am

Point Mutation, Transversion , Transition

Names of X Linked Dominant Disease

Suppressor mutation with its types

In which form blood group exists?

Bottom Up Mapping technique

Exons Introns

Penetrance and Expressivity

Two Major Types of Polyploidy

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[10:14 PM, 2/26/2021] Khan Vu: My bio301 paper time 7:30 am

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Bio 301 2:30

1. Drosophila have chromosomes 1000-4000
2. Cytokinesis occur during telophase
3. Plant cell divides and form cell plate
4. Meiosis in female is called oogenesis.
5. Mitosis includes 1 division.
6. Chiasmata visible on chromosome during crossing over.
7. Causes of epigenetics are not RNA methylation.
8. When some individuals fails to express the traits reduced or Incomplete penetrance
9. Triony is 47 XX 21
10. Colchicine promotes Polyploidy.
11. Base pair substitution is not the following
12. Not a single locus marker. RAPD
13. Karyotyping to view banding patterns
14. Rod shaped filamentous bodies chromosomes
15. Mendel law was three Laws.

ye bio301 k 15 mcqs paper men aj ay hen feedback to asmat Niazi